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PALAEONTOLOGY

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PALAEONTOLOGY

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THIRD ANNUAL ISSUE

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INSTRUCTIONS.

The present volume consists of three parts :—

(a) Schedules and Indexes in four languages.

(b) An Author Catalogue.

(c) A Subject Catalogue.

The Subject Catalogue begins with general headings 0000 to 0200. It is then divided into palaeozoology and palaeobotany. Each of these main divisions is sub-divided into three sections. The first section gives the books or papers arranged according to strata; in the second section the arrangement is according to fossils; the third section gives a list of new genera and species.

At the end of the Subject Catalogue there is a list of new specific and generic names.

In each section the final arrangement of papers is in the alphabetical order of authors' names.

In order to find the papers dealing with a particular subject the reader may either consult the Schedule or the Index to the Schedule. The numbers given in the index are Registration numbers, and can be used at once for turning to the proper page of the Subject Index. This is done by looking at the numbers at the top corners of the pages.

If the reader remember the name of the author of a paper on a given subject, he will probably find it convenient to refer to the Author Catalogue rather than to the Subject Catalogue.

In the Author Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of the volume.

TOPOGRAPHICAL SYMBOLS.

Many of the sections are sub-divided into a number of sub-sections by means of topographical symbols. These symbols are letters printed in italics. They are explained in the topographical classification. The topographical symbols are not intended to be used instead of registration numbers.

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International Catalogue of Scientific Literature.

(K) PALÆONTOLOGY.

- 0000 Philosophy.
- 0010 History. Biography.
- 0020 Periodicals. Reports of Institutions, Societies, Congresses, etc.
- 0030 General Treatises, Text Books, Dictionaries, Bibliographies, Tables.
- 0040 Addresses, Lectures.
- 0050 Pedagogy.
- 0060 Institutions, Museums, Collections, Economics.
- 0070 Nomenclature.
- 0100 Distribution of Life (Animal and Vegetable) in Past Times.
- 0150 Zonal Palæontology ; Mutations (Changes of Form in Successive Strata), etc.
- 0200 Evolution. (See also L 4300 ; N 0223 ; M 4400.)

The numerical symbol to be used for Palæontological books and papers is obtained by a combination of the Geological stratigraphical number (two figures), with a number (four figures) representing the subdivision of the animal or vegetable kingdom to which the fossil forms described belong. Thus a paper on Triassic Cephalopoda will have the symbol K 65.2231, one on Carboniferous ferns will be numbered K 55.6700.

The numbers for Zoological sub-divisions are identical with those used in the Zoological schedule. The numbers for Botanical sub-divisions are identical with those used in the Botanical schedule.

The alphabetical symbols for Topography can be added, if necessary. In this case a paper on Cretaceous Fishes from Asiatic Turkey would bear the symbol K 75.5431 *ei*.

Palaeozoology.

	General, including strata of unknown age.	Lower Palaeozoic.	Upper Palaeozoic.	Triassic.	Jurassic.	Cretaceous.	Lower Cretaceous, Kocine Oligocene.	Upper Cretaceous, Miocene Pliocene.	Pleistocene and Recent.
0231 General Palaeozoology	35, 0231	50, 0231	55, 0231	55, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231
0231 Vertebrata	35, 0231	50, 0231	55, 0231	55, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231
6031 Mammalia	35, 6031	50, 6031	55, 6031	55, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031
5831 Aves	35, 5831	50, 5831	55, 5831	55, 5831	70, 5831	75, 5831	85, 5831	90, 5831	95, 5831
5631 Reptilia and Batrachia	35, 5631	50, 5631	55, 5631	55, 5631	70, 5631	75, 5631	85, 5631	90, 5631	95, 5631
5431 Pisces	35, 5431	50, 5431	55, 5431	55, 5431	70, 5431	75, 5431	85, 5431	90, 5431	95, 5431
5031 Tunicata, Amphioxus, &c.	35, 5031	50, 5031	55, 5031	55, 5031	70, 5031	75, 5031	85, 5031	90, 5031	95, 5031
2431 Arthropoda, including Insecta	35, 2431	50, 2431	55, 2431	55, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
5431 Myriopoda	35, 5431	50, 5431	55, 5431	55, 5431	70, 5431	75, 5431	85, 5431	90, 5431	95, 5431
5031 Arachnida	35, 5031	50, 5031	55, 5031	55, 5031	70, 5031	75, 5031	85, 5031	90, 5031	95, 5031
2831 Xiphonura, Eurypterida, Trilobita, &c.	35, 2831	50, 2831	55, 2831	55, 2831	70, 2831	75, 2831	85, 2831	90, 2831	95, 2831
2631 Crustacea	35, 2631	50, 2631	55, 2631	55, 2631	70, 2631	75, 2631	85, 2631	90, 2631	95, 2631
2231 Mollusca, including Cephalopoda, Gastropoda, Amphineura, Scaphopoda, and Lamellibranchiata (Pelecypoda)	35, 2231	50, 2231	55, 2231	55, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95, 2231
2031 Brachyopoda including Bryozoa (Polysoa)	35, 2031	50, 2031	55, 2031	55, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031
1831 Vermes	35, 1831	50, 1831	55, 1831	55, 1831	70, 1831	75, 1831	85, 1831	90, 1831	95, 1831
1031 Echinodermata	35, 1031	50, 1031	55, 1031	55, 1031	70, 1031	75, 1031	85, 1031	90, 1031	95, 1031
0831 Coelenterata including Graptolithoides	35, 0831	50, 0831	55, 0831	55, 0831	70, 0831	75, 0831	85, 0831	90, 0831	95, 0831
0631 Porifera	35, 0631	50, 0631	55, 0631	55, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631
0431 Protozoa	35, 0431	50, 0431	55, 0431	55, 0431	70, 0431	75, 0431	85, 0431	90, 0431	95, 0431
0131 Fossils of doubtful affinity or origin	35, 0131	50, 0131	55, 0131	55, 0131	70, 0131	75, 0131	85, 0131	90, 0131	95, 0131

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Catalogue International de la Littérature scientifique.

(K) PALÉONTOLOGIE.

- 0000 Philosophie.
- 0010 Histoire. Biographie.
- 0020 Périodiques. Rapports d'Institutions, de Sociétés, de Congrès, etc.
- 0030 Traités généraux, Manuels, Dictionnaires, Bibliographies, Tables.
- 0040 Discours, Lectures et Conférences.
- 0050 Enseignement.
- 0060 Institutions, Musées, Collections. Applications pratiques.
- 0070 Nomenclature.
- 0100 Distribution géographique des animaux et des plantes dans les temps passés.
- 0150 Paléontologie stratigraphique; changements de formes dans les couches successives.
- 0200 Evolution. (*Voy. aussi* L 4300 ; N 0223 ; M 4400.)

Le symbole numérique qui devra être employé pour les livres et mémoires paléontologiques est obtenu par une combinaison du nombre stratigraphique (2 chiffres) avec un nombre (4 chiffres) représentant la subdivision du règne animal ou végétal à laquelle appartient la forme fossile décrite. Ainsi un mémoire sur les Céphalopodes triasiques devra porter l'indice K 65.2231; un mémoire sur les Fougères carbonifères portera l'indice K 55.6700.

Les nombres pour les subdivisions zoologiques sont identiques à ceux qui sont employés dans la classification zoologique. Les nombres pour les subdivisions botaniques sont identiques à ceux qui sont employés dans la classification botanique.

Les symboles alphabétiques pour la Topographie peuvent être ajoutés, si c'est nécessaire. Dans ce cas un mémoire sur les Poissons crétacés de la Turquie d'Asie porterait le symbole K 75.5431 *ai*.

**Paléozoologie ou paléontologie
écologique.**

		Généralités, y compris les couches d'âge incertain.					Paléozoologie inférieure. 50					Paléozoologie supérieure. 55					Triasique.					Jurassique.					Crétacé.					Mésozoïque inférieur. Rocène Oligocène.					Néozoïque supérieur. Miocène Pliocène.					Pleistocène et terres récentes.				
		35					50					55					65					70					75					85					90					95				
021	Paléozoologie générale	35. 0231					50. 0231					55. 0231					65. 0231					70. 0231					75. 0231					85. 0231					90. 0231					95. 0231				
5231	Vertébrés	35. 5231					50. 5231					55. 5231					65. 5231					70. 5231					75. 5231					85. 5231					90. 5231					95. 5231				
6031	Mammifères	35. 6031					50. 6031					55. 6031					65. 6031					70. 6031					75. 6031					85. 6031					90. 6031					95. 6031				
6831	Oiseaux	35. 6831					50. 6831					55. 6831					65. 6831					70. 6831					75. 6831					85. 6831					90. 6831					95. 6831				
6931	Reptiles et Batraciens	35. 6931					50. 6931					55. 6931					65. 6931					70. 6931					75. 6931					85. 6931					90. 6931					95. 6931				
5431	Poissons	35. 5431					50. 5431					55. 5431					65. 5431					70. 5431					75. 5431					85. 5431					90. 5431					95. 5431				
6031	Tuniciers, Amphioxus, etc	35. 6031					50. 6031					55. 6031					65. 6031					70. 6031					75. 6031					85. 6031					90. 6031					95. 6031				
2431	Arthropodes, y compris les Insectes	35. 2431					50. 2431					55. 2431					65. 2431					70. 2431					75. 2431					85. 2431					90. 2431					95. 2431				
3431	Myriapodes	35. 3431					50. 3431					55. 3431					65. 3431					70. 3431					75. 3431					85. 3431					90. 3431					95. 3431				
3031	Arachnides	35. 3031					50. 3031					55. 3031					65. 3031					70. 3031					75. 3031					85. 3031					90. 3031					95. 3031				
2831	Xiphosures, Euriptérides, Trilobites, etc.	35. 2831					50. 2831					55. 2831					65. 2831					70. 2831					75. 2831					85. 2831					90. 2831					95. 2831				
2631	Crustacés	35. 2631					50. 2631					55. 2631					65. 2631					70. 2631					75. 2631					85. 2631					90. 2631					95. 2631				
2331	Mollusques, y compris les Cephalopodes, Gastropodes, Amphineures, Siphonopodes et Lamellibranches (Pelecypodes)	35. 2331					50. 2331					55. 2331					65. 2331					70. 2331					75. 2331					85. 2331					90. 2331					95. 2331				
2031	Brachiopodes, y compris les Bryozoaires	35. 2031					50. 2031					55. 2031					65. 2031					70. 2031					75. 2031					85. 2031					90. 2031					95. 2031				
1831	Vers	35. 1831					50. 1831					55. 1831					65. 1831					70. 1831					75. 1831					85. 1831					90. 1831					95. 1831				
1031	Echinodermes	35. 1031					50. 1031					55. 1031					65. 1031					70. 1031					75. 1031					85. 1031					90. 1031					95. 1031				
0831	Céphalopodes, y compris les Daptylophoïdes	35. 0831					50. 0831					55. 0831					65. 0831					70. 0831					75. 0831					85. 0831					90. 0831					95. 0831				
0631	Porifères	35. 0631					50. 0631					55. 0631					65. 0631					70. 0631					75. 0631					85. 0631					90. 0631					95. 0631				
0431	Protozoaires	35. 0431					50. 0431					55. 0431					65. 0431					70. 0431					75. 0431					85. 0431					90. 0431					95. 0431				
0131	Fossiles d'affinité ou d'origine douteuse	35. 0131					50. 0131					55. 0131					65. 0131					70. 0131					75. 0131					85. 0131					90. 0131					95. 0131				

Paléobotanique ou Paléontologie botanique.		35	50	55	65	70	75	85	90	95
5000	Paléobotanique générale	...	...	...	...	...	...	...	...	...
5100	Dicotylédones	...	...	...	...	...	...	...	...	...
6000	Monocotylédones	...	...	...	...	...	...	...	...	...
6500	Gymnospermes	...	...	...	...	...	...	...	...	...
6700	Cryptogames vasculaires	...	...	...	...	...	...	...	...	...
7000	Mousses et hépatiques	...	...	...	...	...	...	...	...	...
7300	Characées	...	...	...	...	...	...	...	...	...
7400	Algues et Schizophycées	...	...	...	...	...	...	...	...	...
7600	Lichens	...	...	...	...	...	...	...	...	...
7700	Champignons, Bactéries, et Mycétozoaires	...	...	...	...	...	...	...	...	...
7900	Plantes incertae sedis	...	...	...	...	...	...	...	...	...
		35.5000	50.5000	55.500	65.5000	70.5000	75.5000	85.5000	90.5000	95.5000
		35.5400	50.5400	55.5400	65.5400	70.5400	75.5400	85.5400	90.5400	95.5400
		35.6000	50.6000	55.6000	65.6000	70.6000	75.6000	85.6000	90.6000	95.6000
		35.6500	50.6500	55.6500	65.6500	70.6500	75.6500	85.6500	90.6500	95.6500
		35.6700	50.6700	55.6700	65.6700	70.6700	75.6700	85.6700	90.6700	95.6700
		35.7000	50.7000	55.7000	65.7000	70.7000	75.7000	85.7000	90.7000	95.7000
		35.7300	50.7300	55.7300	65.7300	70.7300	75.7300	85.7300	90.7300	95.7300
		35.7400	50.7400	55.7400	65.7400	70.7400	75.7400	85.7400	90.7400	95.7400
		35.7600	50.7600	55.7600	65.7600	70.7600	75.7600	85.7600	90.7600	95.7600
		35.7700	50.7700	55.7700	65.7700	70.7700	75.7700	85.7700	90.7700	95.7700
		35.7900	50.7900	55.7900	65.7900	70.7900	75.7900	85.7900	90.7900	95.7900

Internationaler Katalog der naturwissenschaftlichen Litteratur.

(K) PALÄONTOLOGIE.

- 0000 Philosophie.
- 0010 Geschichte. Biographien.
- 0020 Periodica. Berichte von Instituten, Gesellschaften,
Congressen etc.
- 0030 Allgemeine Abhandlungen, Lehrbücher, Wörterbücher,
Bibliographien, Tabellen.
- 0040 Festreden, Vorträge.
- 0050 Pädagogik.
- 0060 Institute, Museen, Sammlungen, Wirthschaftliches und
Organisatorisches.
- 0070 Nomenclatur.
- 0100 Vertheilung des Lebens (des thierischen und pflanzlichen)
in vergangenen Zeiten.
- 0150 Zonare Paläontologie; Mutationen (Formenänderungen in
auf einander folgenden Schichten) etc.
- 0200 Entwicklung. (*Siehe auch* L 4300; N 0223; M 4400.)

Das Zahlensymbol, welches für paläontologische Bücher und Schriften zu benutzen ist, wird gewonnen durch Combination der stratigraphischen geologischen Nummer (zwei Ziffern) mit einer vierziffrigen Zahl, welche die Unterabtheilung des Thier- oder Pflanzenreiches angiebt, zu der die beschriebenen fossilen Formen gehören. So würde eine Abhandlung über triassische Cephalopoden das Symbol erhalten: K 65.2231; eine solche über Farne des Carbon würde zu numeriren sein: K 55.6700.

Die Nummern für die zoologischen Unterabtheilungen sind identisch mit den im zoologischen Schema benutzten. Die Nummern für die botanischen Unterabtheilungen sind identisch mit den im botanischen Schema benutzten.

Wenn nöthig, können die alphabetischen Symbole für Topographie hinzugefügt werden. In diesem Falle würde eine Abhandlung über Fische der Kreide aus der asiatischen Türkei das Symbol tragen: K 75.5431 *ei*.

Palaeozoologie.

		Allgemeines, einsch. Schichten von unbekanntem Alter.	Unteres Palaeozoicum, 60	Oberes Palaeozoicum, 65	Trias.	Jura.	Kreide.	Tertiäres Tertiar. Eocän, Oligocän.	Quartär Tertiar. Miocän, Pliocän.	Quartär und recente Bildungen.
0231	Allgemeine Palaeozoologie	35, 0231	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	80, 0231	90, 0231	95, 0231
5231	Vertebrata	35, 5231	50, 5231	55, 5231	65, 5231	70, 5231	75, 5231	80, 5231	90, 5231	95, 5231
6031	Mammalia	35, 6031	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	80, 6031	90, 6031	95, 6031
6631	Aves	35, 6631	50, 6631	55, 6631	65, 6631	70, 6631	75, 6631	80, 6631	90, 6631	95, 6631
6631	Reptilia und Batrachia	35, 6631	50, 6631	55, 6631	65, 6631	70, 6631	75, 6631	80, 6631	90, 6631	95, 6631
5431	Pisces	35, 5431	50, 5431	55, 5431	65, 5431	70, 5431	75, 5431	80, 5431	90, 5431	95, 5431
5431	Tunicata Amphioxus, &c.	35, 5431	50, 5431	55, 5431	65, 5431	70, 5431	75, 5431	80, 5431	90, 5431	95, 5431
2431	Arthropoda, einsch. Insecta	35, 2431	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	80, 2431	90, 2431	95, 2431
2431	Myriapoda	35, 2431	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	80, 2431	90, 2431	95, 2431
2431	Arachnida	35, 2431	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	80, 2431	90, 2431	95, 2431
2431	Xiphosura, Kuriptera, Trilobita, &c.	35, 2431	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	80, 2431	90, 2431	95, 2431
2431	Crustacea	35, 2431	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	80, 2431	90, 2431	95, 2431
2231	Mollusca einsch. Cephalopoda, Gastropoda, Anaphitacea, Scaphopoda und Lamellibranchiata (Pelecypoda)	35, 2231	50, 2231	55, 2231	65, 2231	70, 2231	75, 2231	80, 2231	90, 2231	95, 2231
2031	Brachiopoda, einsch. Bryozoa (Polyzoa)	35, 2031	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	80, 2031	90, 2031	95, 2031
1831	Vermes	35, 1831	50, 1831	55, 1831	65, 1831	70, 1831	75, 1831	80, 1831	90, 1831	95, 1831
1631	Ecdysozoa	35, 1631	50, 1631	55, 1631	65, 1631	70, 1631	75, 1631	80, 1631	90, 1631	95, 1631
1431	Cnidaria, einsch. Scaphilitifera	35, 1431	50, 1431	55, 1431	65, 1431	70, 1431	75, 1431	80, 1431	90, 1431	95, 1431
1431	Porifera	35, 1431	50, 1431	55, 1431	65, 1431	70, 1431	75, 1431	80, 1431	90, 1431	95, 1431
0431	Protozoa	35, 0431	50, 0431	55, 0431	65, 0431	70, 0431	75, 0431	80, 0431	90, 0431	95, 0431
0131	Fossilien zweifelhafter Stellung und Herkunft	35, 0131	50, 0131	55, 0131	65, 0131	70, 0131	75, 0131	80, 0131	90, 0131	95, 0131

Pflanzenpaläontologie.		35	50	55	65	70	75	85	90	95
5000	Allgemeine Pflanzenpaläontologie	...	...	...	...	...	...	...	...	...
5400	Dicotyledonen	...	...	...	...	...	...	...	...	...
6000	Monocotyledonen...	...	...	...	...	...	...	...	...	...
6500	Gymnospermen	...	...	...	...	...	...	...	...	...
6700	Gefäß-Cryptogamen	...	...	...	...	...	...	...	...	...
7000	Laubmoose und Lebermoose	...	...	...	...	...	...	...	...	...
7300	Characeae	...	...	...	...	...	...	...	...	...
7400	Algen (einschl. der Schizophyceen).	...	...	...	...	...	...	...	...	...
7600	Flechten	...	...	...	...	...	...	...	...	...
7700	Pilze (einschl. der Bacterien und Schleimpilze
7900	Pflanzen ungewisser Stellung

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(K) PALEONTOLOGIA.

- 0000 Filosofia.
- 0010 Storia. Biografia.
- 0020 Periodici. Resoconti di Istituti, Società, Congressi, ecc.
- 0030 Trattati generali, Manuali, Dizionari, Bibliografie, Indici.
- 0040 Relazioni, Letture.
- 0050 Pedagogia.
- 0060 Istituti, Musei, Collezioni, Applicazioni pratiche.
- 0070 Nomenclatura.
- 0100 Distribuzione della Vita (Animale e Vegetale) nei passati tempi.
- 0150 Paleontologia Stratigrafica ; Mutazioni (Cambiamenti di forma in strati successivi), ecc.
- 0200 Evoluzione. *Vedi anche* L 4300 ; N 0223 ; M 4400.

Il simbolo numerico da usarsi per libri e memorie paleontologiche è ottenuto colla combinazione del numero Stratigrafico-Geologico (per due cifre) col numero (quattro cifre) rappresentante la suddivisione del regno animale o vegetale al quale le descritte forme fossili appartengono. Così una memoria sopra Cefalopodi triassici avrà il simbolo K 65.2231; una sovra Felci carbonifere sarà numerata K 55.6700.

I numeri per le suddivisioni zoologiche sono identici con quelli usati nella schedula zoologica. I numeri per le suddivisioni botaniche sono identici con quelli usati nella schedula botanica.

I simboli alfabetici per la Topografia possono venir aggiunti, ove necessario. In tal caso una nota sovra Pesci Cretacei della Turchia Asiatica porterà il simbolo K 75.5431 *ei*.

Paleozoologia.

	Generale, includente strati di non cono- scenza etc.	Paleozoico inferiore.	Paleozoico superiore.	Triassico.	Giurassico.	Cretaceo.	Cenozoico inferiore. Eocene, Oligocene.	Cenozoico superiore. Miocene, Pliocene.	Pleistocene e recente.
0231 Paleozoologia generale	25. 0231	50. 0231	55. 0231	65. 0231	70. 0231	75. 0231	85. 0231	90. 0231	95. 0231
5231 Vertebrata	25. 5231	50. 5231	55. 5231	65. 5231	70. 5231	75. 5231	85. 5231	90. 5231	95. 5231
6031 Mammalia	25. 6031	50. 6031	55. 6031	65. 6031	70. 6031	75. 6031	85. 6031	90. 6031	95. 6031
6831 Aves	25. 6831	50. 6831	55. 6831	65. 6831	70. 6831	75. 6831	85. 6831	90. 6831	95. 6831
6631 Reptilia e Batrachia	25. 6631	50. 6631	55. 6631	65. 6631	70. 6631	75. 6631	85. 6631	90. 6631	95. 6631
6431 Pisces	25. 6431	50. 6431	55. 6431	65. 6431	70. 6431	75. 6431	85. 6431	90. 6431	95. 6431
6031 Tunicata, Amphioxus, etc.	25. 6031	50. 6031	55. 6031	65. 6031	70. 6031	75. 6031	85. 6031	90. 6031	95. 6031
2431 Arthropoda, inclusi Insecta	25. 2431	50. 2431	55. 2431	65. 2431	70. 2431	75. 2431	85. 2431	90. 2431	95. 2431
3431 Myriapoda	25. 3431	50. 3431	55. 3431	65. 3431	70. 3431	75. 3431	85. 3431	90. 3431	95. 3431
8031 Arachnida	25. 8031	50. 8031	55. 8031	65. 8031	70. 8031	75. 8031	85. 8031	90. 8031	95. 8031
2831 Xiphosura, Eurypterida, Trilobita, ecc.	25. 2831	50. 2831	55. 2831	65. 2831	70. 2831	75. 2831	85. 2831	90. 2831	95. 2831
2631 Crustacea	25. 2631	50. 2631	55. 2631	65. 2631	70. 2631	75. 2631	85. 2631	90. 2631	95. 2631
2231 Mollusca, inclusi Cephalopoda, Gastropoda, Amphipoda, Scaphopoda e Lamellibranchiata (Pelecypoda)	25. 2231	50. 2231	55. 2231	65. 2231	70. 2231	75. 2231	85. 2231	90. 2231	95. 2231
2031 Brachiopoda, inclusi Bryozoa (Polizoa)	25. 2031	50. 2031	55. 2031	65. 2031	70. 2031	75. 2031	85. 2031	90. 2031	95. 2031
1831 Vermea	25. 1831	50. 1831	55. 1831	65. 1831	70. 1831	75. 1831	85. 1831	90. 1831	95. 1831
1031 Echinodermata	25. 1031	50. 1031	55. 1031	65. 1031	70. 1031	75. 1031	85. 1031	90. 1031	95. 1031
0631 Coelenterata, inclusi Graptolithoidea	25. 0631	50. 0631	55. 0631	65. 0631	70. 0631	75. 0631	85. 0631	90. 0631	95. 0631
0631 Porifera	25. 0631	50. 0631	55. 0631	65. 0631	70. 0631	75. 0631	85. 0631	90. 0631	95. 0631
9431 Protozoa	25. 9431	50. 9431	55. 9431	65. 9431	70. 9431	75. 9431	85. 9431	90. 9431	95. 9431
0131 Fossili di dubbia affinità od origine	25. 0131	50. 0131	55. 0131	65. 0131	70. 0131	75. 0131	85. 0131	90. 0131	95. 0131

Paleobotanica (Paleofitologia).									
	35	50	55	65	70	75	85	90	95
5000 Paleobotanica generale	...	...	...	...	...	...	...	...	...
5400 Dicotyledoni...	...	...	...	...	...	...	...	...	...
6000 Monocotyledoni	...	...	...	...	...	...	...	...	...
6500 Gimnosperme	...	...	...	...	...	...	...	...	...
6700 Crittogame Vascolari	...	...	...	...	...	...	...	...	...
7000 Muschi ed Epatiche	...	...	...	...	...	...	...	...	...
7300 Caracee	...	...	...	...	...	...	...	...	...
7400 Alghe e Schizophyce	...	...	...	...	...	...	...	...	...
7600 Licheni	...	...	...	...	...	...	...	...	...
7700 Funghi, Batteri e Micetozoi	...	...	...	...	...	...	...	...	...
7900 Pianta di non accertata posizione	...	...	...	...	...	...	...	...	...
5000	35.5000	50.5000	55.5000	65.5000	70.5000	75.5000	85.5000	90.5000	95.5000
5400	35.5400	50.5400	55.5400	65.5400	70.5400	75.5400	85.5400	90.5400	95.5400
6000	35.6000	50.6000	55.6000	65.6000	70.6000	75.6000	85.6000	90.6000	95.6000
6500	35.6500	50.6500	55.6500	65.6500	70.6500	75.6500	85.6500	90.6500	95.6500
6700	35.6700	50.6700	55.6700	65.6700	70.6700	75.6700	85.6700	90.6700	95.6700
7000	35.7000	50.7000	55.7000	65.7000	70.7000	75.7000	85.7000	90.7000	95.7000
7300	35.7300	50.7300	55.7300	65.7300	70.7300	75.7300	85.7300	90.7300	95.7300
7400	35.7400	50.7400	55.7400	65.7400	70.7400	75.7400	85.7400	90.7400	95.7400
7600	35.7600	50.7600	55.7600	65.7600	70.7600	75.7600	85.7600	90.7600	95.7600
7700	35.7700	50.7700	55.7700	65.7700	70.7700	75.7700	85.7700	90.7700	95.7700
7900	35.7900	50.7900	55.7900	65.7900	70.7900	75.7900	85.7900	90.7900	95.7900



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AFFINITY OR ORIGIN.0131.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.

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Centralbl. Min., Stuttgart, **1903**, (76-78).

0131.70 JURASSIC.

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Mus., Nr **17**, 1902, (1-7, mit 1 Taf.).

0131.85 LOWER CAENOZOIC
(EOCENE OLIGOCENE).

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RECENT.

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0431.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.

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E. [In: K. Futterer, Durch Asien.

Bd 3.] Berlin, 1903, (125-174, mit 5
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und **Schubert**, R. J. Wien, Jahrb. Geol.
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mit 1 Taf.).

Calcarina rotula n. sp. **Egger**, J. G.
München, Abh. Ak. Wiss., math.-phys.
Cl., **21**, 1902, (1-230, mit 27 Taf.).

Clavulina. **Liebus**, A. und **Schubert**,
R. J. Wien, Jahrb. Geol. RchsAnst.,
52, **1902**, 1903, (285-310, mit 1 Taf.).

Cristellaria. **Liebus**, A. und **Schubert**,
R. J. Wien, Jahrb. Geol. RchsAnst.,
52, **1902**, 1903, (285-310, mit 1 Taf.).

Cristellaria barbata n. sp. **Egger**,
J. G. München, Abh. Ak. Wiss.,
math.-phys. Cl., **21**, 1902, (1-230, mit
27 Taf.).

Cyclamina. **Liebus**, A. und
Schubert, R. J. Wien, Jahrb. Geol.
RchsAnst., **52**, **1902**, 1903, (285-310,
mit 1 Taf.).

Dimorphina nn. spp. **Egger**, J. G.
München, Abh. Ak. Wiss., math.-phys.
Cl., **21**, 1902, (1-230, mit 27 Taf.).

———— **Liebus**, A. und **Schubert**,
R. J. Wien, Jahrb. Geol. RchsAnst.,
52, **1902**, 1903, (285-310, mit 1 Taf.).

Discorbina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

Flabellina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

Flabellinella praemucronata n. sp. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

Frondicularia stachei n. sp. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

Frondicularia zitteliana n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1–230, mit 27 Taf.).

Gaudryina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

Gaudryina minima n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1–230, mit 27 Taf.).

Gümbelina n. gen. (∞ *Textularia*). et nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1–230, mit 27 Taf.).

Haplophragmium nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1–230, mit 27 Taf.).

Lagena. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

Nodosaria nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1–230, mit 27 Taf.).

Nodosaria. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

Placopsilina bibullata n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl. **21**, 1902, (1–230, mit 27 Taf.).

Planispirina agglutinans n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1–230, mit 27 Taf.).

Proroporus. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

Proroporus surgens n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1–230, mit 27 Taf.).

Pseudotextularia. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

Reussina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

Sagrina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

Spiroloculina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

Spiroplecta. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

Spiroplecta nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1–230, mit 27 Taf.).

Thurammina splendens n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl. **21**, 1902, (1–230, mit 27 Taf.).

Tritaxia compressa n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1–230, mit 27 Taf.).

Truncatulina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

Truncatulina favosoides n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1–230, mit 27 Taf.).

Verneuilina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285–310, mit 1 Taf.).

0431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE.)

Ammofrondicularia n. gen. *A. angusta* n. sp. **Schubert**, R. J. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (9–26, mit 1 Taf.).

Bolivina racecki n. sp. **Schubert**, R. J. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (9–26, mit 1 Taf.).

Cyclammina le-beli n. sp. **Herrmann**, A. Strassburg, Mitt. geol. Landesanst., **5**, 1903, (323–341).

Cyclammina uhligi n. sp. **Schubert**, R. J. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (9–26, mit 1 Taf.).

Hyperammia pellucida n. sp. **Schubert**, R. J. Wien, Beitr. Pal. ÖstUng., **14**, 1902, (9-26, mit 1 Taf.).

Nummulites. **Schubert**, R. J. Wien, Vorh. Geol. RchsAnst., **1901**, (94-98).

Pavonina agglutinans n. sp. **Schubert**, R. J. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (9-16, mit 1 Taf.).

Trigenerina n. gen. **Schubert**, R. J. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (9-26, mit 1 Taf.).

Vaginulina sulzensis n. form. **Herrmann**, A. Strassburg, Mitt. geol. Landesanst., **5**, 1903, (263-273).

0431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Cyclammia le-beli n. sp. **Herrmann**, A. Strassburg, Mitt. geol. Landesanst., **5**, 1903, (323-341).

Faujasina. **Fornasini**, C. Riv. ital. paleont., Bologna, **8**, 1902, (13-15).

Nodosaria scalaris. **Silvestri**, A. Roma, Atti Acc. Nuovi Lincei, **55**, 1902, (49-58, con fig.).

Nubecularia caespitosa n. form. **Steinmann**, G. Wien, Ann. NatHist. Hofmus., **18**, 1903, (112-116).

Polymorphina. **Fornasini**, C. Riv. ital. paleont., Bologna, **8**, 1902, (11-13, con tav.).

Siphogenerina columellaris. **Silvestri**, A. Roma, Atti Acc. Nuovi Lincei, **55**, 1902, (101-104, con fig.).

——— **Silvestri**, A. Roma, Atti Acc. Nuovi Lincei, **56**, 1902, (59-66, con fig.).

Spiroplecta. **Silvestri**, A. Roma, Atti Acc. Nuovi Lincei, **56**, 1902, (59-66, con fig.).

Textularia. **Fornasini**, C. Riv. ital. paleont., Bologna, **8**, 1902, (44-47, con fig.).

Vaginulina sulzensis n. form. **Herrmann**, A. Strassburg, Mitt. geol. Landesanst., **5**, 1903, (263-273).

0431.95 PLEISTOCENE AND RECENT.

Trachelomonas nn. spp. **Palmer**, T. Philadelphia, Pa., Proc. Acad. Nat. Sci., **54**, 1902, (791-795, with pl.).

0631 PORIFERA.

0631.50 LOWER PALAEOZOIC.

Strephochetus n. gen. nn. spp. **Seely**, H. M. Vermont, Rep. Geol., Burlington, **3**, **1901-1902**, 1902, (151-161, with pl.).

0631.55 UPPER PALAEOZOIC.

Nepheliospongia n. gen. nn. spp. **Clarke**, J. M. Albany Univ. N.Y., Bull. St. Mus., No. 39, **8**, 1900, (187-194, with pl.); Albany Univ., N.Y., Rep. St. Mus., (187-194, with pl.).

Nepheliospongiae n. fam. **Clarke**, J. M. Albany Univ. N.Y., Bull. St. Mus., No. 39, **8**, 1900, (187-194, with pl.); Albany Univ., N.Y., Rep. St. Mus. (187-194, with pl.).

0631.70 JURASSIC.

Eudictyon n. gen. *E. steinmanni* n. sp. **Bis tram**, A. Freiherr von. Freiburg i. B., Ber. natf. Ges., **13**, 1903, (116-214, mit 8 Taf.).

0631.75 CRETACEOUS.

Craticularia micropora n. sp. **Ungern-Sternberg**, E. Freiherr von. Königsberg, Schr. physik. Ges., **43**, 1902, (132-151, mit 3 Taf.).

Rhizopterion nn. spp. **Ungern-Sternberg**, E. Freiherr von. Königsberg, Schr. physik. Ges., **43**, 1902, (132-151, mit 3 Taf.).

Thecosiphonia nobilis. **Schrammen**, A. Centralbl. Min., Stuttgart, **1903**, (1923).

Ventriculites nn. spp. **Ungern-Sternberg**, E. Freiherr von. Königsberg, Schr. physik. Ges., **43**, 1902, (132-151, mit 3 Taf.).

0831 COELENTERATA.

0831.45 PALAEOZOIC.

Caractophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900**, **3**, 1902, (199-222).

Cylindrophyllum n. gen. *C. elongatum* n. sp. **Simpson**, G. B. Albany Univ. N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Ditoecholasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Edaphophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Enterolasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Hapsiphyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Homalophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Kionclasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Laccophyllum n. gen. *L. acuminatum* n. sp. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Lopholasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Meniscophyllum n. gen. *M. minutum* n. sp. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Odontophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222);

Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Placophyllum n. gen. *P. tabulatum* n. sp. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Prismatophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Scenophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Schoenophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Stereolasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Synaptophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Triplophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

0831.50 LOWER PALAEOZOIC.

Amphigraptus distans n. sp. **Elles**, G. L. and **Wood**, E. M. R. London, Monogr. Palaeont. Soc., **57**, 1903, (121).

Diphyphyllum hillingsi n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part XI. New Albany, Ind., 1903, (98-109, with pl.). 22.8 cm.

Eridophyllum louisvillensis n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part XI. New Albany, Ind., 1903, (98-109, with pl.). 22.8 cm.

Favosites helderbergiae var. *praecedens* n. var. **Schuchert**, C. Amer. Geol., Minneapolis, Minn., **31**, 1903, (160-178).

Halysites radiatus n. sp. **Whitfield**, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (489-490, with 2 pls.). Separate. 24.5 cm.

Leptograptus nn. spp. et nn. varr. **Elles**, G. L. and **Wood**, E. M. R. (ex Lapworth M.S.). London, Monogr. Palaeont. Soc., **57**, 1903, (115).

Nemagraptus. **Ellis**, G. L. and **Wood**, E. M. R. London, Monogr. Palaeont. Soc., **57**, 1903, (127, 128, 130, 133).

Pleurodictyum megastomum Dun. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (105-107, with pl. XVI.).

Pleurograptus linearis (Carr.) var. *simplex* n. var. **Elles**, G. L. and **Wood**, E. M. R. (ex Lapworth M.S.). London, Monogr. Palaeont. Soc., **57**, 1903, (121).

Rhizophyllum. **Etheridge**, R. jun. Sydney, N.S.W., Rec. Geol. Surv. N. S. Wales, **7**, pt. 3, 1903, (232-233, table 47).

0831.55 UPPER PALAEOZOIC.

Alveolites nn. spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 14. New Albany, Indiana, 1903, (138 with pl.).

Brooksella rhenana n. sp. **Kinkel**, F. Frankfurt a. M., Ber. Senckenb. Ges., **1903**, Tl 2, (89-96, mit 1 Taf.).

Chonophyllum pygmaeum n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 13. New Albany, Indiana, 1903, (130 with pl.).

Fossopora n. gen. **Etheridge**, R. jun. Sydney, N.S.W., Rec. Austr. Mus., **5**, No. 1, 1903, (16-19, tables 1-2).

Heliophyllum spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 14. New Albany, Indiana, 1903, (139 with pl.).

Heliophyllum nn. spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12, (110-111, with pl.). Part 15, (146-155, with pl.). New Albany, Indiana, 1903. 22.8 cm.

Lonsdaleia multiseptata n. sp. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Michelinia wardi n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 13. New Albany, Indiana, 1903, (130 with pl.).

Phillipsastraea nn. spp. **Penecke**, K. A. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, (141-152, mit 4 Taf.).

Romingeria nn. spp. **Beecher**, C. E. [Reprinted from the Amer. J. Sci., New Haven, Conn., **16**, 1903, (1-11, with 5 pl.).] 23.1 cm.

Striatopora bellistriata n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12 (112 with pl.). Part 13 (131 with pl.). New Albany, Indiana, 1903.

Thamnophyllum supradetonicum n. sp. **Penecke**, K. A. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, (141-152, mit 4 Taf.).

Zaphrentis trisinuatus n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 13. New Albany, Indiana, 1903, (131 with pl.).

Zaphrentis weberi n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Indiana, (111 with pl.).

0831.65 TRIASSIC.

Loxtenipora vinassai n.g., n. sp. **Giattini**, G. B. Riv. ital. paleont., Bologna, **8**, 1902, (62-66, con tav.).

0831.70 JURASSIC.

Actinaraea. **Felix**, J. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (165-183, mit 2 Taf.).

Aplosmilia eutiches n. sp. **Felix**, J. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (165-183, mit 2 Taf.).

Baryphelia hexacnema n. sp. **Felix**, J. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (165-183, mit 2 Taf.).

Calamophyllia tubiporaciformis n. sp. **Felix**, J. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (165-183, mit 2 Taf.).

Caryophyllia oppeli n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestUng., **14**, 1902, (195-217, mit 3 Taf.).

Centrastraea nn. sp. **Felix**, J. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (165-183, mit 2 Taf.).

Comoseris leptophyes n. sp. **Felix**, J. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (165-183, mit 2 Taf.).

Dimorphastraea kobyi n. sp. **Felix**, J. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (165-183, mit 2 Taf.).

Diplocoenia. **Felix**, J. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (165-183, mit 2 Taf.).

Heterastraea rhaetica. **Tomes**, R. F. London, Q. J. Geol. Soc., **59**, 1903, (403-407, figs.).

Latimaeandra nn. spp. **Felix**, J. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (165-183, mit 2 Taf.).

Milleporidium n. gen. *M. remesi* n. sp. **Steinmann**, G. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (1-8, mit 2 Taf.).

Stephanocoenia nn. spp. **Felix**, J. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (165-183, mit 2 Taf.).

0831.75 CRETACEOUS.

Acanthocoenia neocomiensis n. sp. **Volz**, W. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Actinacis remesi n. sp. **Felix**, J. Centralbl. Min., Stuttgart, **1903**, (561-577).

Aplosmilia crucifera n. sp. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Astrarnea n. nom. = *Thamnastraea multiradiata* Reuss. **Felix**, J. Leipzig, SitzBer. natf. Ges., **26-27**, (1899-1900), 1901, (37-40).

Astraraea n. gen. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Astrogyra n. gen. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Astrogyra n. nom. = *Gyrosmlia edwardsi* Reuss. **Felix**, J. Leipzig, SitzBer. natf. Ges., **26-27**, (1899-1900), 1901, (37-40).

Aulopsammia nn. spp. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

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Cerato'rochus amplitrites n. sp. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Coccophyllum maximum n. sp. **Volz**, W. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Cryptocoenia irregularis n. sp. **Volz**, W. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Cyathophora nn. spp. **Volz**, W. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Cyathophyllum. **Hilber**, V. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (277-284, mit 1 Taf.).

Cyathoseris zitteli n. sp. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Dimorphastraea waehneri n. sp. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Diplocoenia hegyesina n. sp. **Volz**, W. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Diploria latisinuata n. sp. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Elasmocoenia kittliana n. sp. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Haplaraea pratzii n. sp. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Haplohelix ornata n. sp. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Heterocoenia nn. spp. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Holocystis bukovicinensis n. sp. **Volz**, W. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Hydrophora kossmati n. sp. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (162-360, mit 9 Taf.).

Isasmogyra nn. spp. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Latimaeandra nn. spp. **Felix**, J. Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Litharaea nn. spp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Montlivallia latona n. sp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Oculina nn. spp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 6 Taf.).

Orbicella ? *texana* n. sp. **Vaughan, T. W.** Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. **205**, 1903, (37-40, with pl.).

Pachygyra microphyes n. sp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Parasmilia texana n. sp. **Vaughan, T. W.** Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. **205**, 1903, (37-40, with pl.).

Phyllocoenia roashensis n. sp. **Dacqué, E.** *Palaeontographica*, Stuttgart, **30**, II, 1903, (337-392, mit 3 Taf.).

Phyllosmilia nn. spp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Placocoenia nn. spp. **Volz, W.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Placocoenia major n. sp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Placohelia bigemmis n. sp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Placosmilia euiophila n. sp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Plesiophyllia acrisionae n. sp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Protoseris cretacea n. sp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Psilogyra n. gen. *P. telleri* n. sp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Stenogyra sinuosa n. sp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Styina parvistella n. sp. **Volz, W.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Thamnaraea nn. spp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Thamnastraea nn. spp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Trochocyathus microphyes n. sp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Trochosmilia nn. spp. **Felix, J.** *Palaeontographica*, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

0831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Actinacis nn. spp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, 141-277, mit 9 Taf.).

Astraeopora mostarensis n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Astrocoenia nn. spp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Axoseris n. gen. *A. hoernesii* n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Barysmilia dalmatina n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901 (141-277, mit 9 Taf.).

Calamophyllia subtilis n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Ceratotrochus clinatus n. sp. **Dennant, J.** Adelaide, S. Aust., Trans. R. Soc., **27**, 1903, (208-215, with pl.).

Circophyllia gibba n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-227, mit 9 Taf.).

Cladocora ? *bosniaca* n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-227, mit 9 Taf.).

Cyathomorpha dabricensis n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cyathoseris dinarica n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cyclolites rhomboideus n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Cycloseris brazzanensis n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Flabellum bosniacum n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Goniaraea octopartita n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Haimesiastrea conferta. **Vaughan**, T. W. Washington, D.C., Proc. Biol. Soc., **15**, 1902, (205-206).

Heliastraea nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Hydnophyllia nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Leptoseris? *rariostella* n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Madrepora nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Mesomorpha columnaris n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Millepora dalmatina n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Paracyathus marylandicus. **Vaughan**, T. W. Washington, D.C., Proc. Biol. Soc., **15**, 1902, (205-206).

Pattalophyllia dalmatina n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Placosmilia cornu n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Placotrochus nn. spp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **27**, 1903, (208-215, with pl.).

Platytrachus speciosus. **Vaughan**, T. W. Washington, D.C., Proc. Biol. Soc., **15**, 1902, (207-209).

(K 653)

Pleuropodia n. gen. *P. otwayensis* n. sp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **27**, 1903, (208-215, with pl.).

Porites crustulum n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Rhabdophyllia fallax n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Stephanosmilia d'achiardii n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Trochoeyathus nn. spp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **27**, 1903, (208-215, with pl.).

Trochoseria nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Turbinoseris dubravitzensis n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

0831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Caryophyllia californica **Vaughan** n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

0831.95 PLEISTOCENE AND RECENT.

Caryophyllia pedroensis **Vaughan** n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Paracyathus pedroensis **Vaughan** n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

1031 ECHINODERMATA.

1031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Erisocrinus lóczyi n. sp. **Katzer, F.** Grundzüge der Geologie des unteren Amazonasgebietes (des Staates Pará in Brasilien). Leipzig (M. Weg), 1903, (III + 298, mit 4 Portr., 1 Karte).

1031.50 LOWER PALAEOZOIC.

Botryocrinus longibrachiatatus n. sp. **Chapman, F.** Melbourne, Proc. R. Soc. Vict., 15 (N. Ser.), 1903, (108-9, with pl. xviii).

Camarocrinus ulrichi n. sp. **Schuchert, C.** Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Coelocystis n. gen. (Genotype, *Hemicosmites subglobosus* Hall). **Schuchert, C.** Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Helicocrinus n. gen. *H. plumosus* n. sp. **Chapman, F.** Melbourne, Proc. R. Soc. Vict., 15 (N. Ser.), 1903, (107-8, with pls. xvii-xviii).

Jaekelocystis n. gen. *J. hartleyi* n. sp. **Schuchert, C.** Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Pseudocrinites nn. spp. **Schuchert, C.** Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Sphaerocystites globularis n. sp. **Schuchert, C.** Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Stephanocrinus nn. spp. (Rowley). **Greene, G. K.** Contribution to Indiana palæontology. Part XI. New Albany, Ind., 1903, (98-109, with pl.). 22.8 cm.

1031.55 UPPER PALAEOZOIC.

Aorocrinus cassedayi v. *charlestownensis*, Rowley. **Greene, G. K.** Contribution to Indiana palæontology. Part 14. New Albany, Ind., 1903, (142, with pl.).

Calceocrinus granuliferus n. sp. (Rowley). **Greene, G. K.** Contribution to Indiana palæontology. Part 12. New Albany, Ind., (114, with pl.).

Carpenteroblastus ceryi n. sp. **Greene, G. K.** Contribution to Indiana palæontology. Part 12. New Albany, Ind., (127, with pl.).

Cidaroblastus parvus n. sp. **Hambach, G.** St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Codaster attenuatus, Lyon, Rowley. **Greene, G. K.** Contribution to Indiana palæontology. Part 12. New Albany, Ind., (128, with pl.).

Crioblastus nn. spp. **Hambach, G.** St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Dolatocrinus spp., n. sp. et n. var. **Greene, G. K.** Contributions to Indiana palæontology. Part 13. New Albany, Ind., 1903, (132, 134, 136, with pls.).

Dolatocrinus nn. spp. **Greene, G. K.** Contribution to Indiana palæontology. Part 14. New Albany, Ind., 1903, (140-145, with pls.).

Dolatocrinus (Rowley) nn. spp. et nn. varr. **Greene, G. K.** Contribution to Indiana palæontology. Pt. 15. New Albany, Indiana, 1903, (146-155, with pl.).

Dolatocrinus exaratus var. *incarinatus* n. var. **Greene, G. K.** Contribution to Indiana palæontology. Part 12. New Albany, Ind., (112, with pl.).

Dolatocrinus pernodosus n. sp. **Greene, G. K.** Contribution to Indiana palæontology. Part 12. New Albany, Ind., (113, with pl.).

Gennaeocrinus nn. spp. et n. var. **Greene, G. K.** Contribution to Indiana palæontology. Part 11. New Albany, Ind., 1903, (98-109, with pl.).

Globoblastus nn. spp. **Hambach, G.** St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Megistocrinus nn. varr. **Greene, G. K.** Contribution to Indiana palæontology. Part 11. New Albany, Ind., 1903, (98-109, with pl.).

Megistocrinus rugosus n. sp. L. and C., Rowley. **Greene, G. K.** Contribution to Indiana palæontology. Part 13. New Albany, Ind., 1903, (131, with pl.).

Megistocrinus spp. var. **Greene, G. K.** Contribution to Indiana palæontology. Part 14. New Albany, Ind., 1903, (141-145, with pls.).

Metablastus nitidulus, M. and G. Rowley. **Greene**, G. K. Contribution to Indiana palæontology. Part 12. New Albany, Ind., (128, with pl.).

Nucleocrinus spp. **Greene**, G. K. Contribution to Indiana palæontology. Part 12. New Albany, Ind., (128-129, with pl.).

Paropsonema n. gen. *P. cryptophya* n. sp. **Clarke**, J. M. Albany Univ. N.Y., Bull. St. Mus., No. 39, 8, 1900, (172-186, with pl.); Albany Univ. N.Y., Rep. St. Mus., No. 54, 1900, 3, 1902, (172-186, with pl.).

Pentremites spp. **Greene**, G. K. Contribution to Indiana palæontology. Part 12. New Albany, Ind., (115-126, with pls.).

Pentremites nn. spp. **Hambach**, G. St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Platyerinus devonicus n. sp. (Rowley). **Greene**, G. K. Contribution to Indiana palæontology. Part 12. New Albany, Ind., (114, with pl.).

Saccoblastus ventricosus n. sp. **Hambach**, G. St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Stemmatocrinus? veryi n. sp. **Greene**, G. K. Contributions to Indiana palæontology. Part 13. New Albany, Ind., 1903, (133, with pl.).

1031.70 JURASSIC.

Antedon nn. spp. **Remeš**, M. Wien, Beitr. Pal. Geol. ÖstUng., 14, 1902, (195-217, mit 3 Taf.).

Cyrtocrinus marginatus n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. ÖstUng., 14, 1902, (195-217, mit 3 Taf.).

Eugeniocrinus nn. spp. **Remeš**, M. Wien, Beitr. Pal. Geol. ÖstUng., 14, 1902, (195-217, mit 3 Taf.).

Phyllocrinus cyclamen n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. ÖstUng., 14, 1902, (195-217, mit 3 Taf.).

Sclerocrinus nn. spp. **Remeš**, M. Wien, Beitr. Pal. Geol. ÖstUng., 14, 1902, (195-217, mit 3 Taf.).

1031.75 CRETACEOUS.

Arthraster senonensis n. sp. **Valette**, Dom A. Auxerre, Bul. soc. sci. hist. nat., 56, 1902, (3-26, av. fig.).

Cyphosoma mollense n. sp. **Paulcke**, W. N. Jahrb. Min., Stuttgart, Beilagebd 17, 1903, (252-312, mit 3 Taf.).

Hemiaster cubicus. **Fourtean**, R. Bul. Muséum, Paris, 1903, (177-180).

Marsupites . . . **Jukes-Browne**, A. J. Geol. Mag., London, (N. Ser.), [4] 9, 1902, (449-450).

Pentaceros senonensis n. sp. **Valette**, Dom A. Auxerre, Bul. soc. sci. hist. nat., 56, 1902, (3-26, av. fig.).

Porocidaris prior n. sp. **Oppenheim**, P. München, SitzBer. Ak. Wiss., math.-physik. Cl., 32 (1902), 1903, (435-456, mit 1 Taf.).

1031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Brissopsis forojuliensis n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. ÖstUng., 13, 1901, (141-277, mit 9 Taf.).

Hemiaster basidecorus n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. ÖstUng., 13, 1901, (141-277, mit 9 Taf.).

Pericosmus tergestinus n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. ÖstUng., 13, 1901, (141-277, mit 9 Taf.).

1831 VERMES.

1831.70 JURASSIC.

Serpula torquata n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. ÖstUng., 14, 1902, (195-217, mit 3 Taf.).

1831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE)

Serpula nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. ÖstUng., 13, 1901, (141-277, mit 9 Taf.).

1831.95 PLEISTOCENE AND RECENT.

Planaria alpina. Voigt, W. Verh. D. Geogr. Tag., Berlin, **14**, 1903, (216-224).

Polycelis cornuta. Voigt, W. Verh. D. Geogr. Tag., Berlin, **14**, 1903, (216-224).

2031 BRACHIOPODA AND BRYOZOA.

BRACHIOPODA.

2031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Aulopocella n. gen. = *A. tubulifera*. Maplestone, C. M. Vict. Nat., Melbourne, **20**, 1903, (99).

Orthotichia poechi n. sp. Katzer, F. Grundzüge der Geologie des unteren Amazonasgebietes (des Staates Pará in Brasilien). Leipzig (M. Weg), 1903, (III + 298, mit 4 Portr., 1 Karte). 26 cm. 14 M.

Productus abichi Waagen. Noetling, F. Centralbl. Min., Stuttgart, **1903**, (529-531).

Productus amazonicus n. sp. Katzer, F. Grundzüge der Geologie des unteren Amazonasgebietes (des Staates Pará in Brasilien). Leipzig (M. Weg), 1903, (III + 298, mit 4 Portr., 1 Karte). 26 cm. 14 M.

Spirifer piracanensis n. sp. Katzer, F. Grundzüge der Geologie des unteren Amazonasgebietes (des Staates Pará in Brasilien). Leipzig (M. Weg), 1903, (III + 298, mit 4 Portr., 1 Karte).

2031.45 PALAEOZOIC.

Platystrophia. Cumings, E. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (1-48, 121-136, with pl.).

2031.50 LOWER PALAEOZOIC.

Chonetes nn. spp. Chapman, F. Melbourne; Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (74-78, with pls. xi-xii).

Craniella lata n. sp. Chapman, F. Melbourne; Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (68-69, with pl. X).

Lingula latior nn. spp. Chapman, F. Melbourne; Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (64-65, with pl. X).

Monomerella noveboracum n. sp. Clarke, J. M. and Ruedemann, R. Albany Univ., N.Y., Mem. St. Mus., No. 5, 1903, (195, with pl.). 29.8 cm.

Orbiculoidea selicyni n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (66-68, with pl. X).

Plectambonites cresswelli nn. spp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (72-74, with pl. XI).

Rhynchonella ? litchfieldensis n. sp. Schuchert, C. Amer. Geol., Minneapolis, Minn., **31**, 1903, (160-178).

Siphonotreta australis n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (65-66, with pl. X).

Siphonotreta maccoyi n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (118-119, with pl. XVIII).

Stropheodonta (Brachyprion) lilydalensis n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (70-71, with pls. XI-XII).

Stropheodonta (Leptostrophia) alata n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (69-70, with pl. X).

Strophomena. Nickles, J. M. Amer. Geol., Minneapolis, Minn., **32**, 1903, (202-218).

Strophonella euglyphoides n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (71-72, with pl. XII).

Uncinulus stricklandi Sow. spp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (78).

2031.55 UPPER PALAEOZOIC.

Ambocoelia umbonata Conr. Reed, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (186, pl. XXIII, fig. 5).

Camarotoechia nitida n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Chonetes spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903 (171-174, pls. XX-XXI, figs. 1-5, 9-12).

Chonetes crassitesta n. sp. **Gülich**, G. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (127-164, mit 2 Taf.).

Cryptonella spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (179-180, pl. XXII, figs. 1-3).

Gypidula romingeri var. *indianensis* n. var. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Leiorhynchus nn. spp. **Gülich**, G. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (127-164, mit 2 Taf.).

Leptocoelia flabellites Conr. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (189, pl. XXIII, fig. 10).

Lingula spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (167, pl. XX, figs. 1-3).

Martinia williamsi n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Orbiculoidea baini Morr. and Sharp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (168, pl. XX, figs. 4-5).

Orthis sp. ? **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (175, pl. XXI, fig. 6).

Orthis tectiformis n. sp. **Walther**, K. N. Jahrb. Min., Stuttgart, Beilagebd, **17**, 1903, (1-75, mit 4 Taf.).

Orthothes *sullivan* Morr. and Shp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (170, pl. XX, fig. 8).

Productus nn. spp. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Rensselaeria spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (176-178, pl. XXI, figs. 8-10).

Reticularia wabashensis n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Retzia. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (187, pl. XXIII, figs. 6-7).

Rhynchonella (*Camarotoechia*). **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1933, (175, pl. XXI, fig. 7).

Rhynchonella depressa n. sp. *R. gainesi* var. *cassensis* n. var. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Rhynchospira ? **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (188, pl. XXIII, figs. 8-9).

Seminula argentia (Shepard) Hall. **Beede**, J. W. Indianapolis, Ind., Proc. Acad. Sci., **1901**, 1902, (221-222). [Abstract].

Spirifer nn. spp. **Gülich**, G. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (127-164, mit 2 Taf.).

Spirifer ceres n. sp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (183-185, 194, pl. XXII, figs. 6-7; pl. XXIII, figs. 1-5).

Spirifer gregarius var. *greeni*. n. var. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Spirifer melissensis n. sp. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Spirifer mucronatus nn. varr. **Shimer**, H. W. and **Grabau**, A. W. Rochester, N.Y., Bull. Geol. Soc. Amer., **13**, 1902, (149-186).

Spiriferina ? *baliensis*. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Stropheodonta cf. *concinna* M. & S. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (169, pl. XX, fig. 6).

Strophonella. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (169, pl. XX, fig. 7).

Trigleria. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (178, pl. XXI, figs. 11, 12).

Vitulina pustulosa Hall. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (191, pl. XXIII, fig. 11).

2031.65 TRIASSIC.

Amphiclina lukowskii n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Amphiclinodonta katzeri n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Anisactinella v. *Spirigera*.

Aulacothyris nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Cyrtina nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Retzia magnifica n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Rhynchonella nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Spiriferina nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Spirigera nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Stolzenburgiella n. subgen. (*Spirigera*) *S. lukowskii*. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Terebratula nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Thecospira textilis n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Waldheimia planoconvexa n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

2031.75 CRETACEOUS.

Kingena blanchenhorni n. sp. **Dacqué**, F. Palaeontographica, Stuttgart, **30**, 11, 1903, (337-392, mit 3 Taf.).

Kingena newtoni. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (258).

Magnus latestriata. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (254).

Rhynchonella. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (260).

Terebratella menardi Lam. var. *pterygotos*. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (256).

Terebratula biplicata Sow. var. *gigantea*. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (250).

Terebrirosta lyra (Sow) var. *incurriros'rum*. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (255).

Zeilleria convexiformis. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (253).

2031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE.)

Terebratula hoeferi n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost-Ung., **13**, 1901, (141-277, mit 9 Taf.).

2031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Rhyncopora incurvata n. sp. **Nevian**, A. Roma, Boll. Soc. geol. ital., **21**, 1902, (260-262, con fig.).

Terebratalia smi'hi n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

BRYOZOA.

2031.45 PALAEOZOIC.

Dekayia perfrondosa n. nom. (= *Monticulipora mammulata* D'Orbigny). **Cumings**, E. R. Amer. Geol., Minneapolis, Minn., **29**, 1902, (197-217, with 4 pl.).

Dekayia subfrondosa n. sp. et nn. varr. **Cummings**, E. R. Amer. Geol., Minneapolis, Minn., **29**, 1902, (197-217, with 4 pl.).

2031.50 LOWER PALAEOZOIC.

Fenestella australis nn. spp. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (61-63, with pl. X).

2031.55 UPPER PALAEOZOIC.

Batostomella le'a n. sp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Cyclotrypa ? *barberi* Ulrich. n. sp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Cyatodictya anisopora n. spp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Etaectinopora castletoniensis n. sp. **Barnes**, J. Manchester, Trans. Geol. Soc., **28** (9), 1903, (243-245, fig.).

Fenestella nn. spp. and n. var. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Fistulipora carbonaria var. *nebrascensis* n. var. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Meekopora prosseri Ulrich. n. sp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Polypora nn. spp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Rhombopora lepidodendroides. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **31**, 1903, (22-24, with pl.).

Stenopora nn. spp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Thamniscus palmatus n. sp. (Provisional). *T. pinnatus* n. sp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

2031.75 CRETACEOUS.

Ceriopora multiformis Mayer-Eymar n. sp. **Dacqué**, E. Palaeontographica, Stuttgart, **30**, II, 1903, (337-392, mit 3 Taf.).

2031.80 CAENOZOIC.

Cellepora stellata n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (142-3, with pl. xvi).

Dimorphocella n. gen. *D. pyriformis* n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16** (N. Ser.), 1903, (140-1, with pl. xvi).

Hornera airensis n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (146, with pl. xvii).

Phylactella crebrosa n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (141-2, with pl. xvi).

Retepora nn. spp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (143-6, with pl. xvi-xvii).

Schismopora nn. spp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (142-3, with pl. xvi).

Solenopora n. gen. *S. tubulifera* n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (143, with pl. xvi).

2031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Protulophila gestroi. **Neviani**, A. Roma, Boll. Soc. geol. ital., **21**, 1902, (41-49, con tav.).

Terebripora manzonii. **Neviani**, A. Roma, Boll. Soc. geol. ital., **21**, 1902, (41-49, con tav.).

2231 MOLLUSCA.

CEPHALOPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Nautilus bidorsatus. **Franz**, V. N. Jahrb. Min., Stuttgart, Beilagebd **17** 1903, (486-497).

Orthoceras. **Ruedemann**, R. Amer. Geol., Minneapolis, Minn., **31**, 1903, (199-217).

Xenodiscus tanguticus n. sp. **Schellwien**, E. [In: K. Futterer, Durch Asien. Bd 3], Berlin, 1903, (125-174, mit 5 Taf.).

2231.45 PALAEOZOIC.

Orthoceras. **Pošta**, P. Prag, SitzBer. Böhm. Ges. Wiss, **1902**, 1903, No. LII, 6, mit 1 Taf.).

2231.50 LOWER PALAEOZOIC.

Cyrtoceras bovinum n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Cyrtorhizoceras curvicameratum n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Gyroceras farcimen n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Orthoceras trusitum n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Poterioceras sauridens n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Protophragmoceras patronus n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

2231.55 UPPER PALAEOZOIC.

Aganides nn. spp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27-112, mit 4 Taf.).

Aganides discoidalis n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Agathiceras ciscoense n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Aphyllites barroisi n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27-112, mit 4 Taf.).

Ractrites carbonarius n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Beloceras praecursor n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27-112, mit 4 Taf.).

Beyrichoceras n. sub-gen. **Foord**, A. H. London, Monogr. Palaeont. Soc., **57**, 1903, (163, 219).

Brancoceras enniskillenense n. sp. **Foord**, A. H. London, Mon. Palaeont. Soc., **57**, 1903, (208).

Clymenia nn. spp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27-112, mit 4 Taf.).

Cyrtoceras expansum n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, **1900**, 1901, (529-758, with pl.).

Denckmannia bredonensis. **Buckmann**, S. S. London, Q. J. Geol. Soc., **59**, 1903, (459).

Dimorphoceras texanum n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.).

Epitornoceras n. subgen. [von *Tornoceras*]. *E. irideum* n. sp. . . . **Frech**, F. Wien, Beitr. Pal. Geo. OstUng., **14**, 1902, (27-112, mit 4 Taf.).

Gastrioceras n. spp. **Foord**, A. H. London, Mon. Palaeont. Soc., **57**, 1903, (200).

Gastrioceras welleri n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Glyphioceras (Beyrichoceras) nn. spp. **Foord**, A. H. London, Monogr. Palaeont. Soc., **57**, 1903, (168).

Glyphioceras (Muensteroceras). nn. spp. **Foord**, A. H. London, Monogr. Palaeont. Soc., **57**, 1903, (193).

Goniatites nn. spp. **Kindle**, M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, **1900**, 1901, (529-758, with pl.).

Goniatites neursomi n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Gonioclymenia uhligi n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (27-112, mit 4 Taf.).

Gonioloboceras uelleri n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Gyroceras indianense n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Maeneceras koeneni n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (27-112, mit 4 Taf.).

Orthoceras. **Clarke**, J. M. Albany, Univ. N.Y., Bull. St. Mus., No. 39, **8**, 1900, (167-171, with pl.); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900**, **3**, 1902, (167-171, with pl.).

Paralegoceras newsomi n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Paralytoceras n. subgen [von *Sporadoceras*]. **Frech**, F. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (27-112, mit 4 Taf.).

Popanoceras ganti n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv. Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Prodromites ornatus n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Prolecanites gurleyi n. sp. **Smith**, J. R. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Prolecanites nn. spp. **Frech**, F. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (27-112, mit 4 Taf.).

Pronorites siebenthali n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Pseudarietites n. gen. *P. silesiacus* n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (27-112, mit 4 Taf.).

Schistoceras hyatti n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Schuchertites n. gen. *S. grahami* n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Schumardites n. gen. *S. simondsi* n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Sphenoceras n. sub. gen. **Foord**, A. N. London, Monogr. Palaeont. Soc., **57**, 1903, (154, 218).

Sporadoceras pseudosphaericum n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (27-112, mit 4 Taf.).

Tornoceras nn. spp. **Frech**, F. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (27-112, mit 4 Taf.).

Vestinautilus crassimarginatus. **Foord**, A. H. **Crick**, G. C. Geol. Mag., London, (ser. 2), [4], **10**, 1903, (552).

Waagenoceras hilli n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Xenodiscus tanguticus n. sp. **Schellwien**, E. Königsberg, Schr. physik. Ges., **43**, 1902, (59-78, mit 1 Taf.).

2231.65 TRIASSIC.

Arpadites celtitoides n. sp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21-42, con 2 tav. e 8 fig.).

Arthaberites n. gen. *A. alexandrac* n. sp. **Diener**, C. Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (3-42, mit 3 Taf.).

Atractites nn. spp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21-42, con 2 tav. e 8 fig.).

Bittnerites n. subgen. [von *Tirolites*] et nn. spp. **Kittl**, E. Wien, Abh. Geol. RchAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Ceratites paronai n. sp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21-42, con 2 tav. e 8 fig.).

Ceratites prior n. sp. **Kittl**, E. Wien, Abh. Geol. RchAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Dalmatites n. gen. *D. morlaccus* n. sp. **Kittl**, E. Wien, Abh. Geol. RchAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Dinarites nn. spp. **Kittl, E.** Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

———— **Tommasi, A.** Roma, Boll. Soc. geol. ital., **21**, 1902, (344–348, con tav.).

Gymnites mojsisovicsi n. sp. **Diener, C.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (3–42, mit 3 Taf.).

Hololobus n. subgen. [von *Tirolites*]. *H. monoptychus* n. sp. **Kittl, E.** Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Joannites proavus n. sp. **Diener, C.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (3–42, mit 3 Taf.).

Kymatites srilajanus n. sp. **Kittl, E.** Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Meekoceras canavarii n. sp. **Airaghi, C.** Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Nautilus. **Hoernes, R.** Graz, Mitt. Natw. Ver. Steierm., **39**, 1902, 1903, (LXXV–LXXIX).

Nautilus nn. spp. **Airaghi, C.** Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Pinacoceras aspidoides n. sp. **Diener, C.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (3–42, mit 3 Taf.).

Pinacoceras stoppanii n. sp. **Airaghi, C.** Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Pleuromutilus nn. spp. **Airaghi, C.** Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Proarcestes stampai n. sp. **Airaghi, C.** Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Ptychites nn. spp. **Airaghi, C.** Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

———— **Diener, C.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (3–42, mit 3 Taf.).

Stacheites n. gen. *S. prionoides* n. sp. **Kittl, E.** Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Srilajites n. subgen. [von *Tirolites*] et nn. spp. **Kittl, E.** Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Tirolites nn. spp. **Kittl, E.** Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Xenodiscus tanguticus n. sp. **Schellwien, E.** Königsberg, Schr. physik. Ges., **43**, 1902, (59–78, mit 1 Taf.).

2231.70 JURASSIC.

Ammonites robustus. **Crick, G. C.** London, Proc. Malac. Soc., **5**, (4), 1903, (290–296).

Arietites peregrinus n. sp. **Fucini, A.** Mem. Soc. tosc. sc. nat., Pisa, **18**, 1902, (3–9, con tav.).

Chartronia costata. **Buckman, S. S.** London, Q. J. Geol. Soc., **59**, 1903, (459).

Schlotheimia neumayri n. nom. **Bis tram, A.** Freiherr von. Freiburg i. B., Ber. natf. Ges., **13**, 1903, (116–214, mit 8 Taf.).

2231.75 CRETACEOUS.

Aturia praeziczac n. sp. **Oppenheim, P.** München, SitzBer. Ak. Wiss., math.-physik. Cl., **32**, (1902), 1903, (435–456, mit 1 Taf.).

Baculites hochstetteri n. sp. **Liebus, A.** Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (113–130, mit 1 Taf.).

Barroisiceras nn. spp. **Shattuck, G. B.** Washington, D.C., Bull., Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9–36, with pl.).

Belemnites. **Lamplugh, G. W.** Geol. Mag., London, (Ser. 2) [4], **10**, 1903, (32–34).

Desmoceras jonesi n. sp. **Gregory, J. W.** and **Smith, F. V.** Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (141–144, with pl. xxii).

Gaudryceras. **Yabe, H.** Tokyo, J. Coll. Sci., **18**, Art. 2, 1903, (1–55, with 7 pl.).

Lytoceras. **Yabe, H.** Tokyo, J. Coll. Sci., **18**, Art. 2, 1903, (1–55, with 7 pl.).

Mammites binicostatus n. sp. **Petrascheck, W.** Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (131–162, mit 5 Taf.).

Muniericeras dresdense n. sp. **Petrascheck**, W. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (131-162, mit 5 Taf.).

Nautilus hilli n. sp. **Shattuck**, G. B. Washington, D.C., Bull., Dept. Int., U.S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Olcostephanus antarctica n. sp. **Weller**, S. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (413-419, with pl.).

Scaphites. **Hilber**, V. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (277-284, mit 1 Taf.).

Scaphites constrictus. **Wlaniowski**, T. Wien, Verh. Geol. RchsAnst., **1902**, (301-302).

Tetragonites. **Yabe**, H. Tokyo, J. Coll. Sci., **18**, Art. 2, 1903, (1-55, with 7 pl.).

GASTROPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Fulgur. **Johnson**, C. W. Nautilus, Boston, Mass., **17**, 1903, (73-75).

Helicostyla. **Pilsbry**, H. A. Nautilus, Boston, Mass., **17**, 1903, (58).

Pleuristomaria Lóczyi n. sp. **Schellwien**, E. [In: K. Futterer, Durch Asien. Bd 3.] Berlin, 1903, (125-174, mit 5 Taf.).

Prucolina n. nom. (= *Paramenia* Pruvot not Bauer & Bergenstamm.). **Cockerell**, T. D. A. Nautilus, Boston, Mass., **16**, 1903, (118).

2231.50 LOWER PALAEOZOIC.

Bellerophon shelbiensis n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Coelidium n. nom. (= *Coelocaulus* Oehlert not Hall). **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Eotomaria nn. spp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Euomphalus fairchildi n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Hormotoma whiteavesi n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Hyolithes leptus n. sp. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (119-120, with pl. xviii).

Poleumita n. nom. (= *Polytropis* de Koninck not Sandberger). **Clarke**, J. M., and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Poleumita scamnata n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

2231.55 UPPER PALAEOZOIC.

Aclisina barnetti n. sp. *A. barnetti* var. *elongata* n. var. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Bellerophon attalicus n. sp. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Bellerophon (Bucania?) sphaericus n. sp. **Walker**, K. N. Jahrb. Min., Stuttgart, Beilagebd **17**, 1903, (1-75, mit 4 Taf.).

Callonema conus n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Capulus cassensis n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Conularia fimbriata n. sp. **Walker**, K. N. Jahrb. Min., Stuttgart, Beilagebd **17**, 1903, (1-75, mit 4 Taf.).

Euomphalus (Straparollus) exiguus n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Murchisonia nn. spp. **Enderle, J.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (43-109, mit 5 Taf.).

Naticopsis arthaberi n. sp. **Enderle, J.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (43-109, mit 5 Taf.).

Platyceras nn. spp. et nn. varr. **Kindle, E. M.** Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Platyceras arkonense n. sp. **Shimer, H. W. and Grabau, A. W.** Rochester, N.Y. Bull. Geol. Soc. Amer., **13**, 1902, (149-186).

Pleurotomaria? anatica n. sp. **Enderle, J.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (43-109, mit 5 Taf.).

2231.70 JURASSIC.

Ampullospira infraliasica n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Ataphrus planilabium n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Cerithiella welschi n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Chartronia n. gen. *C. digoniata* n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Cœlostylina nn. spp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Cylindrobullina nn. spp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Endianaulax n. subgen. *E. planicallosum* n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Endiataenia n. gen. *E. terquemi* n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Eucyclus tectiformis n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Exelissa infraliasica n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Figulus caviceps n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Nigidius elongatus n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Paracerithium n. gen. et nn. spp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Procerithium n. gen. et nn. spp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Promathildia terebralis n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Promathildia terquemi n. nom. **Bis tram, A. Freiherr von.** Freiburg i. B., Ber., natf. Ges., **13**, 1903, (116-214, mit 1 Taf.).

Pseudomelania chartroni n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

2231.75 CRETACEOUS.

Cerithium? texanum n. sp. **Shattuck, G. B.** Washington, D.C., Bull., Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Campeloma harloutonensis n. sp. **Stanton, T. W.** Philadelphia, Pa., Proc. Amer. Phil. Soc., **42**, 1903, (188-199, with pl.).

Eulima wanneri n. sp. **Oppenheim, P.** München, SitzBer. Ak. Wiss., math.-physik. Cl., **32** (1902), 1903, (435-456, mit 1 Taf.).

Fusus texanus n. sp. **Shattuck, G. B.** Washington, D.C., Bull., Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Goniobasis? nn. spp. **Stanton, T. W.** Philadelphia, Pa., Proc. Amer. Phil. Soc., **42**, 1903, (188-199, with pl.).

Lagena? antarctica n. sp. **Weller, S.** Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (413-419, with pl.).

Natica (Amauropsis) goleana n. sp. **Dacqué, E.** Palaeontographica, Stuttgart, **30**, II, 1903, (337-392, mit 3 Taf.).

Nerinea acutecochleata n. sp. **Brolli, F.** München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (601-610, mit 1 Taf.).

Pleurotomaria stantoni n. sp. **Shattuck, G. B.** Washington, D.C., Bull., Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Pleurotomaria thebensis n. sp. **Oppenheim, P.** München, SitzBer. Ak. Wiss., math.-physik. Cl., **32**, (1902), 1903, (435-456, mit 1 Taf.).

Turritella budaensis n. sp. **Shattuck, G. B.** Washington, D.C., Bull., Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Viviparus montanaensis n. sp. **Stan- ton, T. W.** Philadelphia, Pa., Proc. Amer. Phil. Soc., **42**, 1903, (188-199, with pl.).

2231.80 CAENOZOIC.

Fulgur. **Grabau, A. W.** Amer. Nat., Boston, Mass., **37**, 1903, (515-539).

Pleurotomaria nn. spp. **Pritchard, G. B.** Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (83-91, with pls. xiii-xiv).

Sycotypus. **Grabau, A. W.** Amer. Nat., Boston, Mass., **37**, 1903, (515-539).

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Carychium fischeri n. sp. **Boettger, O.** Frankfurt a. M., NachrBl. D. malakozool. Ges., **35**, 1903, (182-184).

Cerithium nn. spp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (141-277, mit 9 Taf.).

Clavilithes chamberlaini n. sp. **Johnson, C. W.** and **Grabau, A. W.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **53**, 1901 (602-603).

Cochlespirella n. gen. **Casey, T. L.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Comus scopularis n. sp. **Casey, T. L.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Drillia harmonica n. sp. **Casey, T. L.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Fusus erbreichi n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (141-277, mit 9 Taf.).

Hyalinia (Polita) mattiaca n. sp. **Boettger, O.** Frankfurt a. M., NachrBl. D. malakozool. Ges., **35**, 1903, (182-184).

Lyria nestor n. subsp. **Casey, T. L.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Melanatria peneckeii n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (141-277, mit 9 Taf.).

Melania majevitzae n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (141-277, mit 9 Taf.).

Metula fragilis n. sp. **Casey, T. L.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Microdrillia n. gen. et nn. spp. **Casey, T. L.** Philadelphia, Pa., Proc., Acad. Nat. Sci., **55**, 1903, (261-283).

Natica nn. spp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (141-277, mit 9 Taf.).

Olivella affluens n. sp. **Casey, T. L.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Phos nn. spp. **Casey, T. L.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Pleurotoma nn. spp. **Casey, T. L.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Scobinella nn. spp. **Casey, T. L.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Trochus dabricensis n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (141-277, mit 9 Taf.).

Turritella prominensis n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (141-277, mit 9 Taf.).

Umbraculum. Eosinica n. subgen. *U. (E.) elevatum* n. sp. **Aldrich, T. H.** Nautilus, Boston, Mass., **17**, 1903, (19-20).

Vallonia. **Boettger**, O. Frankfurt a. M., NachrBl. D. malakozool. Ges., **35**, 1903, (72-76).

**2231.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE)**

Adelopoma martensi n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer - Mus., Nr. **18**, 1902, (1-31).

Archaeozonites conicus n.sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Azeka frechi n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Coryna oppoliensis n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Drillia nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Hyalinia (Gyralina n. subgen.) *roemeri* n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Hyalinia (Polita) miocaenica n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Hyalinia (Vitrea) procrystallina n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Leucochilus ferdinandi n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Limnaea nn. spp. **Gorjanović-Kramberger**, K. [D.] Wein, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (121-140, mit 2 Taf.).

Mangilia (Taranis) strongi n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci. **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Melanopsis sikorai Brus. var. *carinata* n. var. **Kormos**, T. Földt. Közl., Budapest, **33**, 1903, (451-462, 496-508, mit Taf. XIII.).

Oleacina (Salasiella) fossilis n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Orygoceras fuchsi Kittl. synonym. mit *Creseis fuchsi* Kittl. **Lörenthey**, T. Földt. Közl., Budapest, **33**, 1903, (470-472, 518-520).

Planorbis (Gyrorbis) gurichi n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Planorbis multiformis Bronn, var. *kochi* n. var. **Kormos**, T. Földt. Közl., Budapest, **33**, 1903, (451-462, 496-508, mit Taf. XIII.).

Pleurotoma (Borsonia) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol. No. **31**, 1903, (1-420, with pl.).

Pleurotoma (Spirotopsis) smithi n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Strobilus böttgeri. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Trophon (Boreotrophon) stuarti Smith var. *praecursor* n. var.] **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Turbonilla Risso (Type, *Turbonilla typica* Dall and Bartsch n. nom. = *Turbonilla plicatula* Risso, non *Turbo* (= *Turbonilla*) *plicatulus* Brocchi). **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol. No. **31**, 1903, (1-420, with pl.).

Valenciennesia nn. spp. **Gorjanović-Kramberger**, K. [D.] Wien, Beitr. Pal. Geol. OstUng., **13**, **1901**, (121-140, mit 2 Taf.).

Vallonia. **Boettger**, O. Frankfurt a. M., NachrBl. D. malakozool. Ges., **35**, 1903, (72-76).

2231.95 PLEISTOCENE AND RECENT.

Amastra nn. spp. **Baldwin**, D. D. *Nautilus*, Boston, Mass., **17**, 1903, (34-36).

Amphissa ventricosa n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**,] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Bela sanctae-monicae n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Bittium williamsoni n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol. No. **31**, 1903, (1-420, with pl.).

Columbella (subgenera *Aesopus* *Anachis*) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Columbella solidula Reeve var. *precursor* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Delphinoidea coronadoensis n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Drillia nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Eupleura muriciformis var. *curta* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

(K-653)

Fulgur. **Grabau**, A. W. *Amer. Nat.*, Boston, Mass., **37**, 1903, (515-539).

Helix sylvana. **Rollier**, L. Paris, *Bul. soc. géol.*, (sér. 4), **2**, 1902, (278-288).

Limnaea pereger. **Reynell**, A. London, *Proc. Malac. Soc.*, **5** (6), 1903, (344).

Mangilia (subgenera *Cythara* *Taranis*) nn. spp.; *Manjilia* nn. spp. et var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Margarita optabilis Carpenter nn. varr. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Margarita parvipicta Carpenter var. *pedroana* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Melanopsis nn. spp. **Brusina**, S. Graz, *Mitt. Natw. Ver. Steierm.*, **39**, 1902, 1903, (101-121).

Melanopsis acicularis. **Wüst**, E. *Zs. Natw. Stuttgart*, **75**, (1902), 1903, (209-223).

Mitromorpha intermedia n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Nassa cerritensis n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Nassa versicolor C. B. Adams var. *hooveri* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

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Neritina. **Brusina**, S. Graz, Mitt. Natw. Ver. Steierm., **39**, 1902, 1903, (101-121).

Ocinebra keepi n. sp. **Arnold**, R. (Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**) in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Ocinebra lurida Midd. var. *cerritensis* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci. **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Odostomia (subgenera *Chrysallida*, *Evalea*, *Oscilla* Dall and Bartsch) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Odostomia subgen. *Itara* Dall and Bartsch MSS. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Paludestrina nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Planorbis marginatus. **Reynell**, A. London, Proc. Malac. Soc., **5** (6), 1903, (344).

Pleurotoma (subgenera *Borsonia*, *Dolichotoma*, *Leucosyrinx*, *Spirotropsis*) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Pyramidula shimekii (Pils.) Shim. **Shimek**, B. Iowa City, Iowa, Bull. Univ. Lab. Nat. Hist., **5**, 1901, (139-145).

Succinea schumacherii Andr. **Wüst**, E. Zs. Natw., Stuttgart, **75**, (1902), 1903, (312-324, mit 1 Taf.); **76**, 1903, (137).

Sycotypus. **Grabau**, A. W. Amer. Nat., Boston, Mass., **37**, 1903, (515-539).

Trophon (*Boreotrophon*) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Turbonilla (sub. genera *Lancea*, *Pyrgiscus*, *Pyrgolampros*, *Strioturbonilla*), Dall and Bartsch nn. spp. et n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Turbonilla Risso (Type, *Turbonilla typica*, Dall and Bartsch n. nom. = *Turbonilla plicatula* Risso, non *Turbo* (= *Turbonilla*) *plicatulus* Brocchi). **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

PELECYPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Diaurora n. nom. (= *Aurora* Simpson not Rog. not Sollas). **Cockerell**, T. D. A. Nautilus, Boston, Mass., **16**, 1903, (118).

Pseudomonotis. **Diener**, C. Centralbl. Min., Stuttgart, **1903**, (17-19).

Simpsonella n. nom. (= *Dalliella* Simpson, not Cossmann). **Cockerell**, T. D. A. Nautilus, Boston, Mass., **16**, 1903, (118).

2231.50 LOWER PALAEOZOIC.

Matheria brevis n. sp. **Whiteaves**, J. F. Geol. Mag., London, (Ser. 2), [4], **10**, 1903, (358-359, with fig.).

Mytilarca eduliformis n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

2231.55 UPPER PALAEOZOIC.

Amusium concentricum n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., **75**, 1903, (122).

Ariculopecten nn. spp. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (93).

Cardiola pectinata n. sp. **Walther**, K. N. Jahrb. Min., Stuttgart, Beilagebd, **17**, 1903, (1-75, mit 4 Taf.).

Crenipecten semicircularis. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (113).

Edmondia bittneri n. sp. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Eumicrotis. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (46).

Eurydesma. **Boehm**, G. Centralbl. Min., Stuttgart, **1903**, (296-300).

Leiomyalina. **Boehm**, G. Centralbl. Min., Stuttgart, **1903**, (296-300).

Limatula scotica n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (36).

Nucula hanoverensis n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, **1900**, 1901, (529-758, with pl.).

Obliquipecten n. gen. *O. laevis* n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (114).

Palaeolima n. gen. et nn. spp. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (38).

Prothyris truncata n. sp. **Cleland**, H. F. Washington, D.C., U. S. Dept. Int. Bull. Geol. Surv., No. **206**, 1903, (112, with pl.). 23.2 cm.

Pseudamusium concentrico-lineatum, *P. redesdalense* nn. spp. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (109-111).

Pterinopecten. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (57).

Solenomorpha n. gen. **Cockerell**, T. D. A. Nature, London, **67**, 1903, (559).

Solenopsis [*Solenomorpha*] *major* n. sp. **Hind**, W. London, Q. J. Geol. Soc., **59**, 1903, (334-336, figs.).

Streblopteria ornata. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (50).

(K-653)

Syncyclonema carboniferum n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (120).

2231.65 TRIASSIC.

Ariculopecten nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (495-643, mit 10 Taf.).

Claraia n. subgen. [von *Pseudomonotis*]. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **50**, **1900**, 1901, (559-592, mit 3 Taf.).

Daonella. **Tornquist**, A. N. Jahrb. Min., Stuttgart, **1903**, 2, (83-92, mit 1 Taf.).

Eumorphotis n. subgen. [von *Pseudomonotis*]. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **50**, **1900**, 1901, (559-592, mit 3 Taf.).

Mysidioptera dinarica n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (495-643, mit 10 Taf.).

Mysidioptera emiliae n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **50**, **1900**, 1901, (59-66, mit 1 Taf.).

Pecten nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (495-643, mit 10 Taf.).

Posidonomya bosniaca n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (495-643, mit 10 Taf.).

Pseudomonotis nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **50**, **1900**, 1901, (559-592, mit 3 Taf.).

2231.70 JURASSIC.

Arca tenuistriata n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol., OestUng., **15**, 1903, (185-219, mit 4 Taf.).

Astarte uhligi n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (185-219, mit 4 Taf.).

Aucella nn. spp. **Sokolov**, D. N. Moskva, Bull. Soc. Nat., **1902**, (371-379, mit 1 Taf.).

Avicula (*Leptodesma*) *valsoldae* n. form. **Blstram**, A. Freiherr von. Freiburg i. B., Ber. natf. Ges., **13**, 1903, (116-214, mit 8 Taf.).

Chama minima n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (185-219, mit 4 Taf.).

Dimyopsis emmerichi n. nom. **Bistram**, A. *Freiherr* von. Freiburg i. B., Ber. natf. Ges., **13**, 1903, (116-214, mit 8 Taf.).

Gervillea dantzi n. sp. **Menzel**, H. Mitt. D. Schutzgeb., Berlin, **15**, 1902, (41-49).

Isoarca boehmi n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (185-219, mit 4 Taf.).

Lima nn. spp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (185-219, mit 4 Taf.).

Nuculina liasina n. form. **Bistram**, A. *Freiherr* von. Freiburg i. B., Ber., natf. Ges., **13**, 1903, (116-214, mit 8 Taf.).

Pecten nn. spp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (185-219, mit 4 Taf.).

Pecten mülleri n. sp. **Menzel**, H. Mitt. D. Schutzgeb., Berlin, **15**, 1902, (41-49).

Piacunopsis strambergensis n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (185-219, mit 4 Taf.).

Plicatula nn. spp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (185-219, mit 4 Taf.).

Pseudomonotis bolgiensis n. form. **Bistram**, A. *Freiherr* von. Freiburg i. B., Ber. natf. Ges., **13**, 1903, (116-214, mit 8 Taf.).

Trigonia molengraaffi n. sp. **Newton**, R. B. London, Proc. Malac. Soc., **5**, (6), 1903, (405).

Trigonia nn. spp. and *Trigonia smeei*, Sowerby. *T. ventricosa*, Krauss. **Kitchin**, F. L. Pal. Ind., Calcutta, (ser. 9), **3**, pt. 2, No. 1, 1903, (1-122, with 10 pls.).

Vulsella moratica n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (185-219, mit 4 Taf.).

Cardium (*Granocardium*) *budaense*, C. (*Protocardia*) *vaughani* nn. spp. **Shattuck**, G. B. Washington, D.C., Bull. Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Chondrodonta. **Douvillé**, H. Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (314-318, av. fig. et pl.).

———— **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (265-276, mit 1 Taf.).

Corbula muschketowi n. sp. **Böhm**, J. [In: K. Futterer, Durch Asien. Bd 3.] Berlin, 1903, (93-112, mit 1 Taf.).

Ctenostreon ? *poni* n. sp. **Broffi**, F. München, Abh. Ak. Wiss., math.-phys., Cl., **21**, 1902, (601-610, mit 1 Taf.).

Exogyra clarki n. sp. **Shattuck**, G. B. Washington, D.C., Bull. Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Exogyra reissi n. sp. **Paulcke**, W. N. Jahrb. Min., Stuttgart, Beilagebd., **17**, 1903, (252-312, mit 3 Taf.).

Gryphaea romanowskii n. nom. (= *G. kaufmanni* Rom.). **Böhm**, J. [In: K. Futterer, Durch Asien. Bd 3.] Berlin, 1903, (93-112, mit 1 Taf.).

Hippurites n. sp. **Hilber**, V. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (277-284, mit 1 Taf.).

Hippurites (*Pironaea*) *polystylus*. **Pethő**, G. Földt. Közl., Budapest, **33**, 1903, (17-21).

Homomya austinensis n. sp. **Shattuck**, G. B. Washington, D.C., Bull. Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Inoceramus nn. spp. **Petrascheck**, W. Wien, Geol. RchsAnst., **53**, **1903**, (153-168, mit 1 Taf.).

Inoceramus laubei n. sp. **Liebus**, A. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (113-130, mit 1 Taf.).

Leda Futtereri n. sp. **Böhm**, J. [In: K. Futterer, Durch Asien. Bd. 3.] Berlin, 1903, (93-112, mit 1 Taf.).

Lima shumardi n. sp. **Shattuck**, G. B. Washington, D.C., Bull. Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

2231.75 CRETACEOUS.

Anatina austinensis, *A. texana* nn. spp. **Shattuck**, G. B. Washington, D.C., Bull. Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Limea delanoëi n. sp. **Oppenheim**, P. München, SitzBer. Ak. Wiss., math.-physik. Cl., **82**, (1902), 1903, (435-456, mit 1 Taf.).

Neaera aegyptiaca n. sp. **Oppenheim**, P. München, SitzBer. Ak. Wiss. math.-physik. Cl., **82**, (1902), 1903, (435-456, mit 1 Taf.).

Ostrea. **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (265-276, mit 1 Taf.).

Pecten (Neithea) cometa. **Woods**, H. London, Monogr. Palaeont. Soc., **57**, 1903, (200).

Pectunculus rauhani n. sp. **Woods**, H. London, Monogr. Palaeont. Soc., **57**, 1903, (224).

Pholadomya roemeri n. sp. **Shattuck**, G. B. Washington, D.C., Bull. Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Radiolites ga'ensis n. sp. **Dacqué**, E. Palaeontographica, Stuttgart, **30**, 11, 1903, (337-392, mit 3 Tal.).

Sphaerulites. **Hilber**, V. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (277-284, mit 1 Taf.).

Trigonia nn. spp. et n. var. **Paulcke**, W. N. Jahrb. Min., Stuttgart, Beilagebd, **17**, 1903, (252-312, mit 3 Taf.).

Unio nn. spp. **Stanton**, T. W. Philadelphia, Pa., Proc. Amer. Phil. Soc., **42**, 1903, (188-199, with pl.).

—— **Whitfield**, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (483-487, with 3 pls. Separate. 24.5 cm.

Velopecten. **Woods**, H. London, Monogr. Palaeont. Soc., **57**, 1903, (219).

Vola. **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (265-276, mit 1 Taf.).

2231.80 CAENOZOIC.

Cardita exerecens n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (98, with pl. xii).

Chione nn. spp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (99-102, with pl. xii).

Crassatellites nn. spp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (93-97, with pls. xiii-xiv).

Glycimeria halli n. sp. et nn. varr. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (89-91, with pl. xiv).

Lithophagus latecaudatus n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (88, with pl. xiv).

Lucina gunyungensis n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (98-99, with pl. xiv).

Mytilicardia kalimnae n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (97-8, with pl. xii).

Mytilus mooraboolensis n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (88-89, with pl. xiv).

Trigonia semiundulata Jenkins nn. varr. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (91-3, with pl. xv).

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Area nn. spp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, 261-283.

Cardita aldrichi n. sp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, 261-283.

Cardita kitzeri n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, 141-277, mit 9 Taf.

Cardium nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, 141-277, mit 9 Taf.

Cardium haeringense n. sp. **Dreger**, J. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, [1904], 253-284, mit 3 Taf.

Chama nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, 141-277, mit 9 Taf.

Corbula laqueata n. sp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, 261-283.

Corbula muschketowi n. sp. **Böhm, J.**
[In: K. Futterer, *Durch Asien*. Bd 3].
Berlin, 1903, (93-112, mit 1 Taf.).

Crassatella kalitensis n. sp.
Oppenheim, P. Wien, Beitr. Pal. Geol.
ÖstUng., **13**, 1901, (141-277, mit 9
Taf.).

Cyrena quadrangularis n. sp.
Oppenheim, P. Wien, Beitr. Pal. Geol.
ÖstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cytherea nn. spp. **Oppenheim, P.**
Wien, Beitr. Pal. Geol. ÖstUng., **13**,
1901, (141-277, mit 9 Taf.).

Gastrochaena striatula n. sp. **Aldrich,**
T. H. Nautilus, Boston, Mass., **17**, 1903,
(19-20).

Glycimeris haeringensis n. sp.
Dreger, J. Wien, Jahrb. Geol. Rchs-
Anst., **53**, 1903, [1904], (253-284, mit 3
Taf.).

Gryphaea romanoivskii n. nom.
(= *G. kaufmanni* Rom). **Böhm, J.**
[In: K. Futterer, *Durch Asien*. Bd 3].
Berlin, 1903, (93-112, mit 1 Taf.).

Leda Futtereri n. sp. **Böhm, J.**
[In: K. Futterer, *Durch Asien*. Bd 3].
Berlin, 1903, (93-112, mit 1 Taf.).

Lima nn. spp. **Dreger, J.** Wien,
Jahrb. Geol. RchsAnst., **53**, 1903,
[1904], (253-284, mit 3 Taf.).

Loparia n. gen. *L. katzeri* n. sp.
Oppenheim, P. Wien, Beitr. Pal. Geol.
ÖstUng., **13**, 1901, (141-277, mit 9 Taf.).

Lucina nn. spp. **Casey, T. L.**
Philadelphia, Pa., Proc., Acad. Nat. Sci.,
55, 1903, (261-283).

———— **Oppenheim, P.** Wien,
Beitr. Pal. Geol. ÖstUng., **13**, 1901,
(141-277, mit 9 Taf.).

Nucula haeringensis n. sp. **Dreger, J.**
Wien, Jahrb. Geol. RchAnst., **53**, 1903,
[1904], (253-284, mit 3 Taf.).

Psammobia hoeferi n. sp. **Oppen-
heim, P.** Wien, Beitr. Pal. Geol. Öst-
Ung., **13**, 1901, (141-277, 9 Taf.).

Solenomya haeringensis n. sp.
Dreger, J. Wien, Jahrb. Geol. Rchs-
Anst., **53**, 1903 [1904], (253-284, mit 3
Taf.).

Spondylus redlichi n. sp. **Oppen-
heim, P.** Wien, Beitr. Pal. Geol. Öst-
Ung., **13**, 1901, (141-277, mit 9 Taf.).

Tellina gumbeli n. sp. **Dreger, J.**
Wien, Jahrb. Geol. RchsAnst., **53**, 1903
[1904], (253-284, mit 3 Taf.).

Tellina pilsbryi n. sp. **Casey, T. L.**
Philadelphia, Pa., Proc. Acad. Nat. Sci.,
55, 1903, (261-283).

Thracia nn. spp. **Oppenheim, P.**
Wien, Beitr. Pal. Geol. ÖstUng., **13**,
1901, (141-277, mit 9 Taf.).

Venericardia vicksburgensis n. sp.
Casey, T. L. Philadelphia, Pa., Proc.
Acad. Nat. Sci., **55**, 1903, (261-283).

Venus prior n. sp. **Oppenheim, P.**
Wien, Beitr. Pal. Geol. ÖstUng., **13**,
1901, (141-277, mit 9 Taf.).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Pecten. **Blanckenhorn, M. N.** Jahrb.
Min., Stuttgart, Beilagebd **17**, 1903,
(163-186, mit 2 Taf.).

Pecten (Chlamys) jordani n. sp.
Arnold, R. [Reprinted from San Fran-
cisco, Mem. Cal. Acad. Sci., **3**], in Stan-
ford University, Cal., Leland Stanford
Jr. Univ., Hopkins Seaside Lab., Cont.
Biol., No. **31**, 1903, (1-420, with pl.).

2231.95 PLEISTOCENE AND RECENT.

Aligena cerritensis n. sp. **Arnold, R.**
[Reprinted from San Francisco, Mem.
Cal. Acad. Sci., **3**], in Stanford Univer-
sity, Cal., Leland Stanford Jr. Univ.,
Hopkins Seaside Lab., Cont. Biol.,
No. **31**, 1903, (1-420, with pl.).

Astarte (Crassinella) branneri n. sp.
Arnold, R. [Reprinted from San Fran-
cisco, Mem. Cal. Acad. Sci., **3**], in Stan-
ford University, Cal., Leland Stanford
Jr. Univ., Hopkins Seaside Lab., Cont.
Biol., No. **31**, 1903, (1-420, with pl.).

Callista subdiaphana Carpenter var.
pedroana n. var. **Arnold, R.** [Re-
printed from San Francisco, Mem. Cal.
Acad. Sci., **3**], in Stanford University,
Cal., Leland Stanford Jr. Univ.,
Hopkins Seaside Lab., Cont. Biol., No. **31**,
1903, (1-420, with pl.).

Corbicula fluminalis. Wüst, E. Zs. Natw. Stuttgart, **75**, (1902), 1903, (209-223).

Leda minuta Fabr. var. *praecursor* n. var. Arnold, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Pecten (Chlamys) nn. spp. et n. var. Arnold, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Semele pulchra Sowerby, *S. montereyi* n. sp. Arnold, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

SCAPHOPODA.

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Dentalium nn. spp. Casey, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

2431 ARTHROPODA INCLUDING INSECTA.

2431.55 UPPER PALAEOZOIC.

Cheliphlebia extensa n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Dictyoneura clarinervis n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Dieconeura maxima n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Eucaenus nn. spp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Megablattina n. gen. *M. beecheri* n. sp. Sellards, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (307-315, with 2 pls.).

Petromartus n. gen. *P. indistinctus* n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Protodictyon n. gen. *P. pulchripennis* n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

2431.95 PLEISTOCENE AND RECENT.

Erebia. Hormuzaki, C. Freiherr von. D. ent. Zs. Iris, Berlin, **14** (1901), 1902, (353-380).

2631 CRUSTACEA.

2631.35 GENERAL, INCLUDING STRATA OF UNKNOWN ORIGIN.

Isochilina. Jones, T. R. Geol. Mag., London, (ser. 2), [4] **10**, 1903, (300-304, fig.).

2631.50 LOWER PALAEOZOIC.

Beyrichia nn. spp. et nn. varr. Chapman, F. Melbourne Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (109-113, with pl. xvi.).

Caryocaridae n. fam. *Rhinoptero-caris* n. gen., *R. maccoyi* Etheridge fil. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (114-117, with pl. xviii.).

Caryocaris angusta n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (113, with pl. xviii.).

Ceratiocaris (Limnocaris) praecedens. Clarke, J. M. Albany Univ., N.Y. Rep. St. Mus., No. 54, **1900**, **1**, 1902, (83-124, with pl.).

Emmelezoe decora n. sp. Clarke, J. M. Albany Univ., N.Y. Rep. St. Mus., No. 54, **1900**, **1**, 1902, (83-124, with pl.).

Ribeirella n. gen. [*Ribeiria sharpei* Barr. + *Ribeiria expandens* Barr.] Schubert, R. J. and Waagen, L. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, (33-50, mit 1 Taf.).

Ribeiria nn. spp. Schubert, R. J. and Waagen, L. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, (33-50, mit 1 Taf.).

Saccocaris tetragona n. sp. Chapman, F. Melbourne Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (113-4, with pl. xviii).

2631.55 UPPER PALAEOZOIC.

Belinurus bellulus. Baldwin, W. Manchester, Trans. Geol. Soc., **28** (8), 1903, (198-203, fig.).

Estheria ortonii n. sp. Clarke, J. M. Albany Univ., N.Y. Rep. St. Mus., No. 54, **1900**, 1, 1902, (83-124, with pl.).

2631.70 JURASSIC.

Palaeosphaeroma n. gen. *P. uhligi* n. sp. Remeš, M. Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (43-44).

Sphaeroma strambergensense n. sp. Remeš, M. Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (220, mit 1 Taf.).

2631.75 CRETACEOUS.

Glyphaea stokesi n. sp. Weller, S. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (413-412, with pl.).

Pontocypris ursulae n. sp. Egger, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Zanthopsis cretacea n. sp. Branner, J. C. Rochester, N.Y., Bull. Geol. Soc. Amer. **13**, 1902, (41-98, with 11 pl.).

2631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE)

Andorina n. gen. *A. elegans* n. sp. Lörenthey, E. Math.-natw. Ber. Ungarn, Leipzig, **17**, (1899), 1901, (328-336, mit 1 Taf.).

Darányia n. gen. *D. granulata* n. sp. Lörenthey, E. Math. natw. Ber. Ungarn Leipzig **17**, (1899), 1901, (328-336, mit 1 Taf.).

Hoploparia groenlandica n. sp. Ravn, J. P. J. Kjöbenhavn, Medd. Grönl., **29**, 1903, (95-140, with 3 pls.).

Palaeomunida n. gen. *P. defecta* n. sp. Lörenthey. Math. natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Phlyctenodes steinmanni n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Ranina bittneri n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (28-120, mit 2 Taf.).

Telphusograpsus n. gen. *T. laevis* n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

2631.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Andorina n. gen. *A. elegans* n. sp. Lörenthey, E. Math.-natw. Ber. Ungarn, Leipzig, **17** (1899), 1901, (328-336, mit 1 Taf.).

Darányia n. gen. *D. granulata* n. sp. Lörenthey, E. Math.-natw. Ber. Ungarn, Leipzig, **17** (1899), 1901, (328-336, mit 1 Taf.).

Palaeomunida n. gen. *P. defecta* n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Phlyctenodes steinmanni n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Ranina bittneri n. sp. Lörenthey, Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Telphusograpsus n. gen. *T. laevis* n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

2831.95 PLEISTOCENE AND RECENT.

Bythocythere laevigata n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Cythere nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Eucythere lienenklausi n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Krūhe nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Loxoconcha serrulata n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Pontocypris caudata n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Pseudocythere spinosa n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

2831 XIPHOSURA, EURIPTERIDA, TRILOBITA, Etc.

2831.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Griffithides (Phillipsia) tapajotensis n. sp. **Katzer**, F. Grundzüge der Geologie des unteren Amazonasgebietes (des Staats Pará in Brasilien). Leipzig (m. Weg), 1903, (111 + 298, mit 4 Portr., 1 Karte).

2831.50 LOWER PALAEOZOIC.

Agnostus elkedraensis n. sp. **Etheridge**, R. Contributions nos. 12 and 13 to the palaeontology of South Australia. Adelaide, 1902, (4, with pl.). 33 cm.

Agnostus girtanensis n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (4).

Ampyx drummuckensis n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (18).

Asaphus (Isotelus) insabilis n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (46).

Brachymetopus strzelecki McCoy. **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (193-196, fig.).

Dionide richardsoni n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (26).

Lichas (Diceranopeltis) woodwardi n. sp. *Lichas (Corydocephalus) hirsutus* v. *tuberculatus* n. var. **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (9).

Microdiscus significans n. sp. **Etheridge**, R. Contributions nos. 12 and 13 to the palaeontology of South Australia. Adelaide, 1902, (4, with pl.). 33 cm.

No'asaphus n. gen. *N. fergusoni* n. sp. **Gregory**, J. W. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (155-156, with pl. XXVI).

Pseudoniscus roosevelti n. sp. **Clarke**, J. M. Albany Univ., N.Y. Rep. St. Mus., No. 54, **1900**, **1**, 1902, (83-124, with pl.).

Remopleurides nn. spp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (27).

Shumardia scotica n. sp. **Reed**, F. R. C. London, Monogr., Palaeont. Soc., **57**, 1903, (42).

Teratorhynchus n. sub-gen. *T. bicornis* n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (33).

Trinucleus subradiatus n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (12).

2831.55 UPPER PALAEOZOIC.

Acidaspis whitfieldi n. sp. **Hitchcock**, C. H. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (97-98, with 1 pl.) Separate 24.5 cm.

Homalonotus barratti n. sp. **Woodward**, H. Geol. Mag., London, (Ser. 2), [4], **10**, 1903, (28).

3031 ARACHNIDA.

3031.55 UPPER PALAEOZOIC.

Anthracosiro fritschii. n.g. n.sp. Pocock, R. I. Geol. Mag., London, (Ser. 2), [4] 10, 1903, 407, fig.).

Anthracosiro woodwardi. Pocock, R. I. Geol. Mag., London, Ser. 2), [4] 10, 1903, (247, fig.).

Hadrachne n. gen. *H. horribilis* n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., 11, 1903, 178-198, with pl.).

Kustarachne nn. spp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., 11, 1903, (178-198, with pl.).

5431 PISCES.

5431.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Coccosteus. Jaekel, O. Berlin, Sitz-Ber. Ges. natf. Freunde, 1902, (103-115, mit 1 Taf.).

Edestus. Van de Wiele, C. Aperçu sur les vestiges fossiles d'Edestides et le nouveau genre *Helicoprion* A. Karpinsky. Bruxelles (Hayez), 1903, (4, av. fig.).

—— Woodward, A. S. Note sur Edestides. Bruxelles (Hayez), 1903, (4, av. fig.).

Helicoprion n. gen., Van de Wiele, C. Aperçu sur les vestiges fossiles d'Edestides et le nouveau genre *Helicoprion* A. Karpinsky. Bruxelles (Hayez), 1903, (4, av. fig.).

—— Van de Wiele, C. Résumé du mémoire descriptif de M. A. Karpinsky sur *Helicoprion* . . . Bruxelles (Hayez), 1903, (15, av. fig. et 1 pl.).

—— Van de Wiele, Van den Broeck, Simoens et Woodward, A. S. Discussion sur *Helicoprion* à la Société belge de géologie, de paléontologie et d'hydrologie . . . Bruxelles (Hayez), 1903, (33, av. fig. et 1 pl.).

—— Woodward, A. S. Note sur . . . Bruxelles (Hayez), 1903, (4, av. fig.).

Helicoprion besonovi (Karpinsky). Simoens, G. Note sur . . . Bruxelles Hayez., 1903, 9, av. fig.).

5431.55 UPPER PALAEOZOIC.

Acrolepis molyneuxi n. sp. Woodward, A. S. London, Q. J. Geol. Soc., 59, 1903, (285-286, pl.).

Coccosteus angustus n. sp. Traquair, R. H. London, Rep. Brit. Ass., 1902 (1903), 610).

Dinichthys. Sharp, K. D. Amer. Inv., Washington, D.C., 10, 1903, (263).

Gemündina n. gen. Traquair, R. H. London, Rep. Brit. Ass., 1902 (1903), (610).

Gemündina sturtzi n. sp., Traquair, R. H. London, Rep. Brit. Ass., 1902 (1903), (610).

Gyracanthides. Woodward, A. S. Geol. Mag., London, (Ser. 2), [4] 10, 1903, (512).

Listracanthus wardi. Woodward, A. S. Geol. Mag., London, (ser. 2), [4] 10, 1903, (487).

Palaeospondylus gunni, Traquair. Sollas, W. J. and Sollas, I. B. J. London, Proc. R. Soc., 72, 1903, (98-99); London, Phil. Trans. R. Soc., 196 B, 1903, (267-294, pls.).

Phlyctaenaspis germanica n. sp. [nn.] Traquair, R. H. London, Rep. Brit. Ass., 1902 (1903), (610).

Pteraspis. Dollo, L. Paris, C.-R. Acad. Sci., 136, 1903, (699-700).

—— Fox, H. Geol. Mag., London, (ser. 2), [4] 10, 1903, (93).

—— Gosselet, J. Paris, C.-R. Acad. sci., 136, 1903, (540).

Ramphodus n. gen. *R. tetrodon* n. sp. Jaekel, O. Berlin, SitzBer. Ges. natf. Freunde, 1903, (383-393).

Sagenodus pertenuis n. sp. Eastman, C. R. Amer. Nat., Boston, Mass., 37, 1903, (493-495).

Tremataspis. Patten, W. Amer. Nat., Boston, Mass., 37, 1903, (223-242, with pl.).

5431.65 TRIASSIC.

Coelacanthus lunzensis. **Reis**, O. M. Wien, Jahrb. Geol. Rchs.Anst., **50**, 1900, 1901, (187-192, mit 2 Taf.).

Saurichthys nn. spp. **Philippi**, E. **Jaekel**, O. **Volz**, W. u. **Frech**, F. [In *Lethaea geognostica*, Tl 2, H. 1, Lfg 1.] Stuttgart, 1903, (9-21, mit Taf.).

5431.75 CRETACEOUS.

Aerognathus dodgei n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Aipichthys formosus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Anguillavidae n. fam. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Anguillarus n. gen. et nn. spp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Coccodus insignis n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Ctenothrissa signifer n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Dercetis nn. spp. **Woodward**, A. S. London, Monogr. Palaeont. Soc., **57**, 1903, (65).

Encheliidae n. fam. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Enchelion n. gen. *E. montium* n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Enchodus sacrus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (1-95, with pl.). Separate. 24.5 cm.

Eubiodectes n. gen. (Type *Chirocentrites libanicus* Pict. and Humb.) **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Leptotrachelus serpentinus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Microcoelia dayi n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Osmeroides nn. spp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Protosphyraena sequax n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, 1-95, with pl.). Separate. 24.5 cm.

Pycnosterinx levispinosus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Raja ichitfieldi n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Rhinellus delicatus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Rhinobatus cretes n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Sardinius ? imbellis n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (1-95, with pl.). Separate. 24.5 cm.

Sclerorhynchus nn. spp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Stenoprotome n. gen. *S. hamata* n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Urenchelys. **Woodward**, A. S. Ann. Mag. Nat. Hist., London, [7] **12**, 1903, (254, 255).

Urenchelys germanus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

5431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Ancistrodon splendens. **Levi**, C. Padova, Atti Soc. ven. trent., (Ser. 2), **4**, [1900-1902], 1902, (33-36).

Carcharodon. **Storms**, R. Bruxelles, Bul. Soc. geol., paléont., hydr., **1901**, (259-267); Bruxelles (Hayez), 1901, (10, av. 1 pl.).

Ginglymostoma blanckenhorni n. sp. **Stromer, E.** N. Jahrb. Min., Stuttgart, **1903, 1**, (29-41, mit 1 Taf.).

5631 REPTILIA AND BATRACHIA.

5631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Ceraterpeton. **Jaekel, O.** N. Jahrb. Min., Stuttgart, **1903, 1**, (109-134, mit 4 Taf.).

Diceratosaurus n. gen. **Jaekel, O.** N. Jahrb. Min., Stuttgart, **1903, 1**, (109-134, mit 4 Taf.).

Diplocaulus. **Jaekel, O.** N. Jahrb. Min., Stuttgart, **1903, 1**, (109-134, mit 4 Taf.).

Ichthyosaurus. **Woodward, A. S.** London, Brit. Ass. Geol. Phot., **2**, 1903, (2126).

Pareiasaurus serridens. **Broom, R.** Cape Town, Ann. S. Afr. Mus., **4**, 1903, (123-138, with 2 pls. XV-XVI).

Procolophon. **Broom, R.** Graham's Town, Cape Colony, Rec. Alb. Mus., **1**, 1903, (8-24, with pl. 1 and figs. 4-6).

Scylacosaurus sclateri. **Broom, R.** Geol. Mag., London, (ser. 2), [4] **10**, 1903, (343, fig.).

Segoceras. **Nopcsa, F. Baron, jun.** Centralbl. Min., Stuttgart, **1903**, (266-267).

Stereocephalus. **Nopcsa, F. Baron, jun.** Centralbl. Min., Stuttgart, **1903**, (266-267).

Telmatosaurus n. nom. = *Limnosaurus* (Nopcsa). **Nopcsa, F. Baron, jun.** Centralbl. Min., Stuttgart, **1903**, (54).

5631.55 UPPER PALAEOZOIC.

Deuterosaurus sceleyi n. sp.? **Nopcsa, F. Baron, jun.** Wien, Petr. Pal. Geol. OstUng., **14**, 1902, (185-194, mit 1 Taf.).

Embolophorus dollovianus Cope. **Case, E. C.** Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (1-28, with pl.).

Pleuroptyx. **Udden, J. A.** Des Moines, Proc. Iowa Acad. Sci., **9**, **1901**, 1902, (121).

Zatrachys crucifer n. sp. **Case, E. C.** Chicago, Ill., J. Geol. Univ. Chic. **11**, 1903, (394-402).

5631.65 TRIASSIC.

Batrachosuchus broomi n. sp. **Broom, R.** Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (499).

Ekbainacanthus tschernyschewi n. g. n. sp. **Jakovlev, N.** St. Petersburg, Verh. Russ. mineral. Ges., **40**, (179-202, with pl.).

Ictidosaurus n. gen. *I. angusticeps* n. sp. **Broom, R.** Cape Town, Ann. S. Afric. Mus., **4**, 1903, (151).

Leptocheirus n. gen. *L. zitteli* n. sp. **Merriam, J. C.** Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1903, (249-263, with pl.).

Lycosuchus mackayi n. sp. **Broom, R.** Cape Town, Ann. S. Afric. Mus., **4**, 1903, (154).

Lystrosaurus. **Broom, R.** Cape Town, Ann. S. Afric. Mus., **4**, 1903, (139-141, with 1 fig.); Graham's Town, Cape Colony, Rec. Alb. Mus., **1**, 1903, (3-8, with pl. 1 and fig. 3).

Mirosaurus. **Reposi, E.** Milano, Atti Soc. ital. sc. nat., **41**, 1902, (361-372, con tav.).

Paliguana n. gen. *P. whitei* n. sp. **Broom, R.** Graham's Town, Cape Colony, Rec. Alb. Mus., **1**, 1903, (1, with pl. 1 and figs. 1-2).

Proneusticosaurus n. gen. et nn. spp. **Volz, W.** Palaeontographica, Stuttgart, **49**, 1902, (121-162, mit 2 Taf.).

Protesuchus fergusi n. sp. **Broom, R.** Cape Town, Ann. S. Afric. Mus. **4**, 1903, (159, pl. XIX).

Scylacosaurus n. gen. *S. sclateri* n. sp. **Broom, R.** Cape Town, Ann. S. Afric. Mus., **4**, 1903, (147, pl. XVII, figs. 1, 2, 3 and 5).

Scymnosaurus n. gen. *S. ferox* n. sp. **Broom, R.** Cape Town, Ann. S. Afric. Mus., **4**, 1903, (152).

Shastanurus nn. spp. **Merriam**, J. C. Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1902, (63-108, with 12 pls.). Separate. 27 cm.

Therocephalia n. order. **Broom**, R. On the affinities of the primitive Theriodonts. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (154).

Titanosuchus. **Broom**, R. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (144-146).

Titanosuchus cloetei n. sp. **Broom**, R. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (142).

Toretornemus n. gen. *T. californicus* n. sp. **Merriam**, J. C. Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1903, (249-263, with pl.).

5631.70 JURASSIC.

Astrodon. **Hatcher**, J. B. Pittsburgh, Pa., Ann. Carnegie Mus., **2**, 1903, (9-14).

Paptanodon marshi n. sp. **Knight**, W. C. Amer. J. Sci., New Haven, Conn., (Ser. 4), **16**, 1903, (76-81).

Brachiosaurus n. gen. *B. altithorax* n. sp. **Riggs**, E. S. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (299-306).

Brontosaurus. **Riggs**, E. S. Science, New York, N.Y., (N. Ser.), **17**, 1903, (393-394).

Compsognathus. **Nopcsa**, F. Baron, jun. N. Jahrb. Min., Stuttgart, Beilagebd **16**, 1903, (476-494, mit 2 Taf.).

Creosaurus. **Osborn**, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (697-701, with pl.). Separate. 24.5 cm.

Diplodocus. **Hatcher**, J. B. Pittsburgh, Pa., Mem. Carnegie Mus., **2**, 1903, (72-75, with pl.).

Diplodocus carnegii n. sp. **Hatcher**, J. B. Pittsburgh, Pa., Mem. Carnegie Mus., **1**, 1901, (1-63, with pl.).

Haplocanthosaurus utterbacki n. sp. **Hatcher**, J. B. Pittsburgh, Pa., Mem. Carnegie Mus., **2**, 1903, (1-72, with pl.).

Haplocanthus n. gen. *H. priscus* n. sp. Colorado. **Hatcher**, J. B. Washington, D.C. Proc. Biol. Soc., **16**, 1903, (1-2). Separate. 24.7 cm.

Ichthyosaurus acutirostris? **Coy**, F. Northampton, J. Nat. Hist. Soc., **11**, (91), 1902, (248).

Ornitholestes n. gen. *O. hermanni* n. sp. **Osborn**, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (459-464, with pl.). Separate. 24.5 cm.

5631.75 CRETACEOUS.

Actosaurus. **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (31-42, mit 2 Taf.).

Adriosaurus. **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (31-42, mit 2 Taf.).

Aigialosaurus. **Gorjanović-Kramberger**, K. D. Wien, Verh. Geol. Rchs-Anst., **1901**, (271-272).

——— **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (31-42, mit 2 Taf.).

Brachanchenius lucasi n. sp. **Lucas**, F. A. Washington, D.C., Smithsonian Inst., Misc. Collect. Q. Issue, **45**, 1903, (96, with pl.).

Carsosaurus. **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (31-42, mit 2 Taf.).

Claosaurus? affinis n. sp. **Wieland**, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (211-216).

Dolichosaurus. **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (31-42, mit 2 Taf.).

Iguanodon. **De Pauw**, L. F. Notes sur les fouilles du charbonnage de Bernissart. Découverte . . . des Iguanodons. Bruxelles (Jampertz), 1902, (25, fig. et pl. hors texte). 8vo.

——— **Van den Broeck**, F. Nouvelles observations relatives au gisement des Iguanodons de Bernissart. . . . Bruxelles (Hayez), 1902, (20). 1 fr. 8vo.

——— **Van Ertborn**, O. . . . les Iguanodons de Bernissart. Anvers (J. E. Buschmann), 1902, (8, av. fig.).

Iguanodon bernissartensis. **De Pauw**, L. F. Contribution à l'étude de l'*Iguanodon bernissartensis*. Mons (Dequesne-Masquillier et fils), 1902, (14, av. 6 pls. hors texte).

Mesoleptos? **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (31-42, mit 2 Taf.).

Neustosaurus Raspail. **Nopcsa**, F. Baron, jun. Centralbl. Min., Stuttgart, 1903, (504-505).

Opetiosaurus. **Gorjanović - Kramberger**, K. D. Wien, Verh. Geol. Rchs Anst., **1901**, (271-272).

——— **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (31-42, mit 2 Taf.).

Opetiosaurus n. gen. *O. buccichi* n. sp. **Kornhuber**, A. Wien. Abh. Geol. RchsAnst., **17**, Heft 5, 1901, (24, mit 3 Taf.).

——— **Kornhuber**, A. Wien, Verh. Geol. RchsAnst., **1901**, (147-153).

Pontosaurus. **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, 31-42, mit 2 Taf.).

Pteranodon. **Eaton**, G. F. Amer. J. Sci., New Haven. Conn., (Ser. 4), **16**, 1903, (82-86, with 2 pls.).

Triceratops. **Beasley**, W. L. Sci. Amer., New York, N.Y., **89**, 1903, (87).

Triceratops serratus. **Lull**, R. S. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (685-695, with 1 pl.). Separate, 24.5 cm.

5631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Castresia n. gen. *C. munieri* n. sp. **Stefano (De)**, G. Roma, Boll. Soc. geol. ital., **21**, 1902, (389-397, con tav.).

Crocodilus. **Squinabol**, S. Venezia, Atti Ist. ven., (Ser. 8), **4**, 1902, (183-187, con tav.).

Euclastes douvillei. **Stefano (De)**, G. Sui cheloniani fossili conservati nella Scuola superiore delle Miniere di Parigi. Nota prima. L'*Euclastes douvillei*, De Stefano, dell' Eocene inferiore dell' Africa settentrionale. Reggio Calabria (tip. Morello), **1902**, (1-13, con 1 tav.). 32 cm.

Euclastes? *kochi* n. sp. **Lörenthey**, T. Földt. Közl., Budapest, **33**, 1903, (193-208, 246-266, mit Taf. V-VI.).

Pelomedusa nn. spp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.).

Podocnemis nn. spp. **Andrews**, C. W. Ann. Mag. Nat. Hist., London, (Ser. 7), **11**, 1903, (120).

——— **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Stereogenys nn. spp. **Andrews**, C. W. Ann. Mag. Nat. Hist., London, (Ser. 7), **11**, 1903, (115).

Stereogenys podocnemoides n. sp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Sternothaerus dewitzianus n. sp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Trionyx nn. spp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

——— **Rutot**, A. Quelques découvertes paléontologiques nouvelles. II. Découverte d'une tortue du genre *Trionyx* . . . Bruxelles (Hayez), 1903, (10).

——— *clavatomarginatus* n. sp. **Lörenthey**, T. Földt. Közl., Budapest, **33**, 1903, (193-208, 249-266, mit Taf. V-VI).

5631.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Clemmys hesperia, *C. sarea* nn. spp. **Hay**, O. P. Two new species of Fossil Turtles from Oregon. Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1903, (237-241).

Palaeobatrachus. **Laube**, G. C. Prag, SitzBer. Lotos, **51**, 1903, (106-114).

Pelomedusa nn. spp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.).

Podocnemis nn. spp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges. **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Stereogenys podocnemoides n. sp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Sternothaerus deutzianus n. sp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Styemys bottii n. form. **Stefano** (De), G. Riv. Ital. paleont., Bologna, **8**, 1902, (72-74, con tav.).

Styemys calaverensis n. sp. **Sinclair**, W. J. Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1903, (243-248).

Trionyx nn. spp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

5831 AVES.

5831.75 CRETACEOUS.

Hesperornis. **Lucas**, F. A. Washington, D.C., Smithsonian Inst., Misc. Collect., (Q. Issue), **45**, 1903, (95, with pl.). Separate. 24.5 cm.

5831.80 CAENOZOIC.

Maneana n. gen. *M. californiensis* n. sp. **Lucas**, F. A. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **24**, 1901, (133-134). Separate. 24.5 cm.

5831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Struthio karatheodoris. **Martin**, R. London, Proc. Zool. Soc., **1903**, (203-210).

6031 MAMMALIA.

6031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Elephas. **Lydekker**, R. Knowledge. London, **26**, 1903, (169-172, figs.).

Elephas africanus. **Andrews**, C. W. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (339).

Elephas primigenius. **Rabot**, C. Globe illustré, Bruxelles, **1902**, (277).

Karoomys brouni, **Broom**, R. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (345, fig.).

Lemur. **Smith**, G. E. London, Trans. Linn. Soc. (Zool.), **8** (10), 1903, (319-432).

Lophiodon. **Boule**, M. Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (324).

———— **Depéret**, C. Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (323-324, 344-345).

———— **Gaudry**, A. Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (344).

Mastodon angustidens. **Andrews**, C. W. London, Rep. Brit. Ass., **1902**, (1903), (654).

Megalohyrax eocaenus. **Andrews**, C. W. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (340, fig.).

Pterodon africanus. **Andrews**, C. W. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (341 fig.).

6031.75 CRETACEOUS.

Eucinepeltus complicatus n. sp. **Brown**, B. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (453-457, with pl.). Separate. 24.5 cm. [*Edentata*].

6031.80 MESOZOIC (SECONDARY).

Delphinopsis freyeri Müll. **Abel**, O. Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (297-317, mit 2 Taf.).

Equus. **Beasley**, W. F. Sci. Amer., New York, N.Y., **88**, 1903, (451-452).

**6031.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).**

Agriochærus nn. spp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Anchilophus desmaresti. **Weinberg, R.** Zs. wiss. Zool., Leipzig, **74**, 1903, (490-500, mit 1 Taf.).

Apternodus n. gen. *A. mediaevus* n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Arretotherium n. gen. *A. acridens* n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Arsinoïtherium. Geol. Mag., London, (Ser. 2), [4], **10**, 1903, (529).

—— **Lankester, E. Ray.** Paris, C.-R. Acad. sci., **136**, 1903, (802).

Arsinoïtherium andreusi. **Lankester, E. Ray.** [In an anonymous paper.] Geol. Mag., London, (Ser. 2) [4], **10**, 1903, (531).

Bathygenys n. gen. *B. alpha* n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Bunaelurus infelix n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Colodon cingulatus n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Cylindrodon n. gen. *C. fontis* n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Cynodictis paterculus n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Elephas antiquus. **Rutot, A.** Quelques découvertes paléontologiques nouvelles. I. Découverte d'une molaire d'*Elephas antiquus*. . . Bruxelles (Hayez), 1903, (10).

Eucrotaphus helenae n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Eumys minor n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Ilyænodon nn. spp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Ictops acutidens n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Ictops thomsoni n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Ischyromys veterior n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Leptotragulus profectus n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Limnenetes n. gen. et nn. spp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Lophiodon. **Omboni, G.** Venezia, Atti Ist. ven., (Ser. 8, 4), **61**, 1902, (189-192, con tav.).

Micropternodus n. gen. *M. borealis* n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Oreodon robustum n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Pachyhyaena gigantea. **Boule, M.** Nature, Paris, **30**, (2^e Semestre), 1902, (401-402).

Palæolagus brachyodon n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

—— *temnodon* n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Peratherium titanelix n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Proamphicyon n. gen. *P. nebrascensis* n. sp. **Hatcher, J. B.** Pittsburgh, Pa., Mem. Carnegie Mus., 1, 1902, (65-108, with pl.).

Prosciurus n. subgen. (of *Sciurus*). **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., 19, 1903, (197-226). Separate. 24.5 cm.

Protemnocyon n. gen. *P. inflatus* n. sp. **Hatcher, J. B.** Pittsburgh, Pa., Mem. Carnegie Mus., 1, 1902, (65-108, with pl.).

Proteriz n. gen. *P. loomisi* n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., 19, 1903, (227-229). Separate. 24.5 cm.

Sciurus jeffersoni n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), 20, 1902, (237-279, with pl.).

Sciurus (Prosciurus) vetustus n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., 19, 1903, (197-226). Separate. 24.5 cm.

Stenofiber. **Laube, G. C.** Wien, Verh. Geol. RchsAnst., 1901, (283-284).

——— nn. spp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), 20, 1902, (237-279, with pl.).

Stibarus montanus n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., 19, 1903, (197-226). Separate. 24.5 cm.

Zeuglodon. **Stromer, E. von.** Wien, Beitr. Pal. Geol. OestUng., 15, 1903, (65-101, mit 4 Taf.).

6031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Aceratherium bavaricum n. sp. **Stromer von Reichenbach, E.** Geogr. Jahreshefte, München, 15 (1902), 1903, (56-63, mit 1 Taf.).

Alcicephalus sinensis n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Anchitherium zitteli n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

(K-653)

Anthropylus. **Schlosser, M.** Centralbl. Min., Stuttgart, 1903, (512-513).

Balaena etrusca. **Capellini, G.** Bologna, Mem. Acc. sc., (Ser. 5), 9, 1902, (759-778, con 3 tav.).

Cervatus n. gen. et nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Dioplolem. **Ugolini, R.** Pisa, Mem. Soc. tosc. sc. nat., 18, 1902, (10-15).

Dipoides majori n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Dryopithecus darwini n. sp. **Abel, O.** Wien, SitzBer. Ak. Wiss., 111, 1902, Abtheilung I, (1171-1207, mit 1 Taf.); Centralbl. Min., Stuttgart, 1903, (176-182).

Elephas primigenius. **Portis, A.** Roma, Boll. Soc. geol. ital., 21, 1902, (93-114, con tav.).

Gazella nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Griphopithecus n. gen. *G. suessi* n. sp. **Abel, O.** Wien, SitzBer. Ak. Wiss., 111, 1902, Abtheilung I, (1171-1207, mit 1 Taf.); Centralbl. Min., Stuttgart, 1903, (176-182).

Homo. **Alsberg, M.** Verh. Ges. D. Natf., Leipzig, 74 (1902), II, 1, 1903, (175-176).

Hyaena gigantea n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Leptoplesictis filholi [*Herpestes filholi*, Gaillard.]. **Major, C. I. F.** Geol. Mag., London, (ser. 2), [4] 10, 1903, (536).

Lophiodon sardus n. sp. **Bosco, C.** Roma, Rend. Acc. Lincei, (Ser. V), 11, 1902, 2° Sem., (178-182, con fig.).

Lutra brachygnathus n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Machairodus horribilis n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

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Mastodon. **Clarke, J. M.** Albany Univ., N.Y., Bull. St. Mus., No. **69**, 1903, (921-933, with pl.).

Mastodon lydekkeri n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Meles taxipater n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Monachus albiventer. **Ugolini, R.** Paleontogr. Italica, Pisa, **8**, 1902, (1-20, con 3 tav., con 1 fig.); Pisa, Proc. verb. Soc. tosc. sc. nat., **13**, 1902, (87-88).

Mylogaulodon n. gen. *M. angulatus* n. sp. **Sinclair, W. J.** Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, (143-144).

Neohipparion n. gen. *N. whitneyi* n. sp. **Gidley, J. W.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (465-476). Separate. 24.5 cm.

Neopithecus. **Schlosser, M.** Centralbl. Min., Stuttgart, 1903, (512-513).

Neopithecus n. nom. = *Anthropodus* Schlosser. **Abel, O.** Centralbl. Min., Stuttgart, **1903**, (176-182).

Ocap'a. **Boule, M.** Autun, Bul. soc. sci. nat., **15**, 1902, (Proc.-verb., 191-194).

Palaeoreas sinensis n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Paraboselaphus n. gen. *P. ameghinoi* n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Paracamelus n. gen. *P. gigas* n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Paramylodon n. gen. *P. nebrascensis* n. sp. **Brown, B.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, 569-584, with 2 pls.). Separate. 21.5 cm.

Platygonus texanus n. sp. **Gidley, J. W.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (477-481). Separate. 21.5 cm.

Plesiadax depereti n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Progenetta certa n. sp. **Major, C. I. F.** Geol. Mag., London, (ser. 2), [4] **10**, 1903, (534).

Protetraceros n. gen. *P. gaudryi* n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Pseudobos n. gen. et nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Rhinoceros nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Strepsiceros nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Sus nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Sus erimanthius. **Ugolini, R.** Pisa, Proc. verb. Soc. tosc. sc. nat., **13**, 1902, (27-29).

Tragoceros nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Trocharion albanense n. g. n. sp. **Major, C. I. F.** Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (536).

Trochictis nn. spp. **Major, C. I. F.** Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (537).

Ursus spelaeus. **Ugolini, R.** Pisa, Proc. verb. Soc. tosc. sc. nat., **13**, 1902, (26-27).

Vulpes sinensis n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

6031.95 PLEISTOCENE AND RECENT.

Alces machlis. **Newton, E. T.** London, Q. J. Geol. Soc., **59**, 1903, (80-90).

Alcicephalus sinensis n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Anchitherium zitteli n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Bos primigenius. **Sheppard**, T. Hull. Mus. Publ., **15**, 1903, (6, 7).

Cariacus. **Smallwood**, W. M. Science, New York, N.Y., (N. Ser.), **18**, 1903, (26-27).

Castor. **Bosco**, C. Roma, Rend. Acc. Lincei, (Ser. 5), **11**, 1902, 2^o Sem., (367-371, con fig.).

Cervatus n. gen. et nn. spp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Dipoides majori n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Elephas. **Knight**, W. C. Science, New York, N.Y., (N. Ser.), **17**, 1903, (828-829).

Elephas columbi. **Sternberg**, C. H. Science, New York, N.Y., (N. Ser.), **17**, 1903, (511-512).

Elephas cypriotes n. sp. **Bate**, D. M. A. London, Proc. R. Soc., **71**, 1903, (500).

Elephas primigenius. **Sheppard**, T. Hull. Mus. Publ., **15**, 1903, (8-10, fig.).

Equus. **Munro**, R. Edinburgh, Proc. R. Physic. Soc., **15** (1), 1903, (70-104).

Gazella nn. spp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Genetta plexictoides n. sp. **Bate**, D. M. A. London, Proc. Zool. Soc., **1903**, II. (1) 1903, (121).

Glyptotherium n. gen. *G. texanum* n. sp. **Osborn**, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (491-494, with 1 pl.). Separate. 24.5 cm.

Homo. **Alsberg**, M. Verh. Ges. D. Natf., Leipzig, **74** (1902), II, 1, 1903, (175-176).

——— **Penck**, A. Arch. Anthr., Braunschweig, **29**, 1903, (78-90).

Hyaena gigantea n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

(K-653)

Hyaenognathus n. gen. et nn. spp. **Merriam**, J. C. Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1903, (277-290, with 3 pls.). Separate. 26.8 cm.

Hypogeomys australis n. sp. **Grandier**, G. Bul. Muséum, Paris, **1903**, (13-15, av. fig.).

Iutra brachygnathus n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Machairodus horribilis n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Marmot. **Delheid**, E. Une marmotte préquaternaire. Bruxelles, 1900, (3). 8vo.

Mastodon. **Clarke**, J. M. Albany Univ., N.Y., Bull. St. Mus., No. **69**, 1903, (921-933, with pl.).

Mastodon lydekkeri n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Meles taxiputer n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Ovis mannhardi n. form. **Toula**, F. Wien, Jahrb. Geol. Reichsanst., **53**, **1903**, (51-64, mit 1 Taf.).

Palaeoreas ? sinensis n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Paraboselaphus n. gen. *P. ameghinoi* n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Paracamelus n. gen. *P. gigas* n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Pithecanthropus. **Bougon**. Naturaliste, Paris, (sér. 2), **24**, 1902, (103).

Platygonus compressus. **Wagner**, G. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (777-782).

Plesiadlax depereti n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Protetraceros n. gen. *P. gaudryi* n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Pseudobos n. gen. et nn. spp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Rhinoceros nn. spp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Rhinoceros hundsheimensis n. form. **Toula**, F. Wien, Verh. Geol. RchsAnst., **1901**, (309-311); Wien, Abh. Geol. RchsAnst., **19**, Heft 1, 1902, (92, mit 12 Taf.).

Spalax fritschi n. sp. **Nehring**, A. Berlin, SitzBer. Ges. natf. Freunde, **1902**, (77-85).

Strepsiceros nn. spp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Sus nn. spp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Tragoceros nn. spp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Ursus. **Smallwood**, W. M. Science, New York, N.Y., (N. Ser.), **18**, 1903, (26-27).

Ursus spelaeus. **Flores**, E. Riv. ital. paleont., Bologna, **8**, 1902, (26-27, con fig.).

Vulpes sinensis n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

LIST OF NEW GENERA AND SPECIES.

0131 FOSSILS OF DOUBTFUL
AFFINITY OR ORIGIN.RHIZOKORALLIUM *hildesense*. Menzel, H.

0431 PROTOZOA.

AMMOFRONDICULARIA n. gen. [Foramini-
fera]. Schubert, R. J.
1874.———— *angusta*. Schubert, R. J.
1874.

BIFARINA [Foraminifera].

———— *semibaculi*. Liebus, A. and
Schubert, R. J. 1688.

BOLIVINA [Foraminifera].

———— *raceki*. Schubert, R. J.
1874.

CALCARINA [Foraminifera].

———— *rotula*. Egger, J. G. 1503.

CRISTELLARIA [Foraminifera].

———— *barbata*. Egger, J. G.
1503.

CYCLAMMINA [Foraminifera].

———— *le-beli*. Hermann, A. 1597.———— *uhligi*. Schubert, R. J.
1874.

DIMORPHINA [Foraminifera].

———— *cylindroides*. Liebus, A. and
Schubert, R. J. 1688.———— *minuta*. Egger, J. G.
1503.———— *ursulae*. Egger, J. G.
1503.———— *variabilis*. Liebus, A. and
Schubert, R. J. 1688.

FLABELLINELLA [Foraminifera].

———— *praemucronata*. Liebus, A.
and Schubert, R. J. 1688.

FRONDICULARIA [Foraminifera].

———— *stachei*. Liebus, A. and
Schubert, R. J. 1688.———— *zitteliana*. Egger, J. G.
1503.

FUSULINA [Foraminifera].

———— *alternans*. Schellwien, E.
1866.

GAUDRYINA [Foraminifera].

———— *minima*. Egger, J. G.
1503.

GÜMBELINA n. gen. Egger, J. G. 1503.

———— *acertulinoides*. Egger, J. G.
1503.———— *fructicosa*. Egger, J. G.
1503.———— *lata*. Egger, J. G. 1503.

HAPLOPHRAGMIUM [Foraminifera].

———— *petiolus*. Egger, J. G.
1503.———— *silex*. Egger, J. G. 1503.———— *spinulosum*. Egger, J. G.
1503.———— *trifolium*. Egger, J. G.
1503.

HYPERAMMINA [Foraminifera].

———— *pellucida*. Schubert, R. J.
1874.

NODOSARIA [Foraminifera].

———— *longispina*. Egger, J. G.
1503.———— *orthophragma*. Egger, J. G.
1503.

NUDECUIARIA [Foraminifera].

———— *caespitosa* n. form. Steinmann, G. 1947.

PAVONINA [Foraminifera].

———— *agglutinans*. Schubert, R. J. 1874.

PLACOPSILINA [Foraminifera].

———— *bibullata*. Egger, J. G. 1503.

PLANISPIRINA [Foraminifera].

———— *agglutinans*. Egger, J. G. 1503.

PROROPORUS [Foraminifera].

———— *subquadrilaterus*. Liebus, A. and Schubert, R. J. 1688.

———— *surgens*. Egger, J. G. 1503.

SPIROLOCULINA [Foraminifera].

———— *waageni*. Liebus, A. and Schubert, R. J. 1688.

SPIROPLECTA [Foraminifera].

———— *gracilis*. Egger, J. G. 1503.

———— *robusta*. Egger, J. G. 1503.

THURAMMINA [Foraminifera].

———— *splendens*. Egger, J. G. 1503.

TRACHELOMONAS [Protozoa].

———— *minor*. Palmer, T. C. 1773.

———— *spiculifera*. Palmer, T. C. 1773.

———— *spinosa*. Palmer, T. C. 1773.

———— *vermiculosa*. Palmer, T. C. 1773.

———— *vestita*. Palmer, T. C. 1773.

Trigenerina n. gen. [Foraminifera]. Schubert, R. J. 1874.

TRITAXIA [Foraminifera].

———— *compressa*. Egger, J. G. 1503.

TRUNCATULINA [Foraminifera].

———— *farosoides*. Egger, J. G. 1503.

VAGINULINA [Foraminifera].

———— *sulzensis* n. form. Herrmann, A. 1596.

0631 PORIFERA.

CRATICULARIA [Hexactinellida].

———— *micropora*. Ungern-Sternberg, E. 1993.

EUDICTYON [Hexactinellida].

———— *steinmanni*. Bistram, A. 1375.

Nepheliospongia n. gen. [Hexactinellida.] Clarke, J. M. 1438.

———— *avocensis*. Clarke, J. M. 1438.

———— *typica*. Clarke, J. M. 1438.

RHIZOPOTERION [Hexactinellidae].

———— *regulare*. Ungern-Sternberg, E. 1993.

———— *zitteli*. Ungern-Sternberg, E. 1993.

Strephochetus n. gen. Seely, H. M. 1893.

———— *atratus*. Seely, H. M. 1893.

———— *brainerdi*. Seely, H. M. 1893.

———— *ocellatus*. Seely, H. M. 1893.

———— *prunus*. Seely, H. M. 1893.

VENTRICULITES [Hexactinellidae].

———— *borussicus*. Ungern-Sternberg, E. 1993.

———— *carernosus*. Ungern-Sternberg, E. 1993.

0831 COELENTERATA.

ACANTHOCOENIA [Hexacoralla].

———— *neocomiensis*. Volz, W. 2012.

ACTINACIS [Hexacoralla].

- *cognata*. Oppenheim, P. 1762.
 ————— *perelegans*. Oppenheim, P. 1762.
 ————— *remesi*. Felix, J. 1518.
 ————— *sub-rollei*. Oppenheim, P. 1762.

ALVEOLITES [Tabulata].

- *dispana*. Greene, G. K. 1570.
 ————— *subangularis*. Greene, G. K. 1570.

APLOSMILIA [Hexacoralla].

- *crucifera*. Felix, J. 1521.
 ————— *euteiches*. Felix, J. 1522.

ASTRACAEA n. nom. [Hexacoralla].
Felix, J. 1520.**ASTRAEOPORA** [Hexacoralla].

- *mostarensis*. Oppenheim, P. 1762.

Astraraea n. gen [Hexacoralla]. Felix, J. 1521.**ASTROCOENIA** [Hexacoralla].

- *hoernesii*. Oppenheim, P. 1762.
 ————— *spongilla*. Oppenheim, P. 1762.

Astrogyra n. gen. [Hexacoralla]. Felix, J. 1520, 1521.**ACLOPSAMMIA** [Octocoralla ?].

- *lithothamnioides*. Felix, J. 1521.
 ————— *reptans*. Felix, J. 1521.
 ————— *termiculata*. Felix, J. 1521.

Axoseris n. gen. [Hexacoralla]. Oppenheim, P. 1762.

- *hoernesii*. Oppenheim, P. 1762.

BARYHELIA [Hexacoralla].

- *hexacnema*. Felix, J. 1522.

BARYSMILIA [Hexacoralla].

- *dalmatina*. Oppenheim, P. 1762.

BROOKSELLA [Acalephae].

- *rhenana*. Kinkelin, F. 1653.

CALAMOPHYLLIA [Hexacoralla].

- *subtilis*. Oppenheim, P. 1762.
 ————— *tubiporaeformis*. Felix, J. 1522.

CARYOPHYLLIA [Hexacoralla].

- *californica*. Arnold, R. 1342.
 ————— *oppeli*. Remeš, M. 1837.
 ————— *pedroensis*. Arnold, R. 1342.

CENTRASTRAEA [Hexacoralla].

- *blanckenhorni*. Felix, J. 1522.
 ————— *leptomeres*. Felix, J. 1522.
 ————— *polystyla*. Felix, J. 1522.

CERATOTROCHUS [Hexacoralla].

- *amphitrites*. Felix, J. 1521.
 ————— *clinatus*. Dennant, J. 1474.

Charactophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.**CHONOPHYLLUM** [Tetracoralla].

- *pygmaeum*. Greene, G. K. 1570.

CIRCOPHYLLIA [Hexacoralla].

- *gibba*. Oppenheim, P. 1762.

CLADOCORA ? [Hexacoralla].

- *bosniaca*. Oppenheim, P. 1762.

COCCOPHYLLUM [Hexacoralla].

- *maximum*. Volz, W. 2012.

COMOSERIS [Hexacoralla].

- *leptophyes*. Felix, J. 1552.

CRYPTOCOENIA [Hexacoralla].

- *irregularis*. Volz, W. 2012.

CYATHOMORPHA [Hexacoralla].

- *dabricsensis*. Oppenheim, P. 1762.

CYATHOPHORA [Hexacoralla].

- *annae*. Volz, W. 2012.
 ——— *pygmaea*. Volz, W. 2012.

CYATHOSERIS [Hexacoralla].

- *dinarica*. Oppenheim, P. 1762.
 ——— *zitteli*. Felix, J. 1521.

CYCLOLITES [Hexacoralla].

- *rhomboideus*. Oppenheim, P. 1762.

CYCLOSERIS [Hexacoralla].

- *brazzanensis*. Oppenheim, P. 1762.

Cylindrophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.

- *elongatum*. Simpson, G. B. 1921.

DIMORPHAETRAEA [Hexacoralla].

- *kobyi*. Felix, J. 1522.
 ——— *wachneri*. Felix, J. 1521.

DIPHYPHYLLUM [Tetracoralla].

- *billingsi*. Greene, G. K. 1570.

DIPLOCOENIA [Hexacoralla].

- *hegyesima*. Volz, W. 2012.

DIPLORIA [Hexacoralla].

- *latisinuata*. Felix, J. 1521.

Ditoecholasma n. gen. [Tetracoralla].
Simpson, G. B. 1921.**Edaphophyllum** n. gen. [Tetracoralla].
Simpson, G. B. 1921.**ELASMOCOENIA** [Hexacoralla].

- *kittliana*. Felix, J. 1521.

Enterolasma n. gen. [Tetracoralla].
Simpson, G. B. 1921.**ERIDOPHYLLUM** [Tetracoralla].

- *louisvillensis*. Greene, G. K. 1570.

FAVOSITES [Tabulata].

- *helderbergiae* var. *praecedens*
 n. var. Schuchert, C. 1883.

FLABELLUM [Hexacoralla].

- *bosniacum*. Oppenheim, P. 1762.

Fossopora n. gen. [Hexacoralla].
Etheridge, R. jun. 1513.**GOSIARAEA** [Hexacoralla].

- *octopartita*. Oppenheim, P. 1762.

HALYSITES [Tabulata].

- *radiatus*. Whitfield, R. P. 2027.

HAPLARAEA [Hexacoralla].

- *pratzi*. Felix, J. 1521.

HAPLOHELIA [Hexacoralla].

- *ornata*. Felix, J. 1521.

Hapsiphyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.**HELIAETRAEA** [Hexacoralla].

- *forojuliensis*. Oppenheim, P. 1762.
 ——— *katzeri*. Oppenheim, P. 1762.

HELIOPHYLLUM [Tetracoralla].

- *conglomeratum*. Greene, G. K. 1571.
 ——— *congregatum*. Greene, G. K. 1571.
 ——— *crotalum*. Greene, G. K. 1570.
 ——— *dispansum*. Greene, G. K. 1570.
 ——— *mirum*. Greene, G. K. 1570.

HETEROCOENIA [Hexacoralla].

- *costata*. Felix, J. 1521.
 ——— *erecta*. Felix, J. 1521.
 ——— *fuchsi*. Felix, J. 1521.
 ——— *oculinaeformis*. Felix, J. 1521.
 ——— *stachei*. Felix, J. 1521.

HOLOCYSTIS [Hexacoralla].

- *bukowinensis*. Volz, W. 2012.

Homalophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.

HYDROBOSA [Hexacoralla].

———— *kossmati* Felix, J. 1521.

HYDROPHYLLIA [Hexacoralla].

———— *benardellii*. Oppenheim, P. 1762.

———— *prior*. Oppenheim, P. 1762.

Klonelasma n. gen. [Tetracoralla].
Simpson, G. B. 1921.

Laccophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.

———— *acuminatum*. Simpson, G. B. 1921.

LASMOGYRA [Hexacoralla].

———— *fortuosa*. Felix, J. 1521.

———— *gracilis*. Felix, J. 1521.

LATIMAEANDRA [Hexacoralla].

———— *amphitrites*. Felix, J. 1522.

———— *zumoffeni*. Felix, J. 1522.

LATIMAEANDRARAEA [Hexacoralla].

———— *doutilléi*. Felix, J. 1521.

———— *lophiophora*. Felix, J. 1521.

LEPTOGRAFTUS [Graptolitoidea].

———— *ascendens*. Elles, G. L. & Wood, E. M. R. 1507.

———— *flaccidus* var. *arcuatus* n. var.
Elles, G. L. & Wood, E. M. R. 1507.

———— *flaccidus* var. *macer* n. var.
Elles, G. L. & Wood, E. M. R. 1507.

———— *flaccidus* var. *macilentus* n.
var. Elles, G. L. & Wood, E. M. R. 1507.

———— *flaccidus* var. *spinifer* n. var.
Elles, G. L. & Wood, E. M. R. 1507.

———— *grandis*. Elles, G. L. & Wood, E. M. R. 1507.

———— *latus*. Elles, G. L. & Wood, E. M. R. 1507.

———— *validus*. Elles, G. L. & Wood, E. M. R. 1507.

LEPTOSERIS [Hexacoralla]

———— ? *raristella*. Oppenheim, P. 1762.

LITHARAEA [Hexacoralla].

———— *latistellata*. Felix, J. 1521.

———— *raughani*. Felix, J. 1521.

LONSDALEIA [Tetracoralla].

———— *multiseptata*. Enderle, J. 1508.

Lopholasma n. gen. [Tetracoralla].
Simpson, G. B. 1921.

MADREPORA [Hexacoralla].

———— *herzegowinensis*. Oppenheim, P. 1762.

———— *tergestina*. Oppenheim, P. 1762.

Meniscophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.

———— *minutum*. Simpson, G. B. 1921.

MESOMORPHA [Hexacoralla].

———— *columnaris*. Oppenheim, P. 1762.

MICHELINIA [Tabulata].

———— *wardi*. Greene, G. K. 1570.

MILLEPORA [Hydromedusae].

———— *dalmatina*. Oppenheim, P. 1762.

Milleporidium n. gen. [Hydromedusae].
Steinmann, G. 1948.

———— *remesi*. Steinmann, G. 1948.

MONTIVALTIA [Hexacoralla].

———— *latona*. Felix, J. 1521.

OCULINA [Hexacoralla].

———— *ogilvae*. Felix, J. 1521.

———— *schlosseri*. Felix, J. 1521.

Odontophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.

ORBICELIA [Hexacoralla].

———— ? *texana*. Vaughan, T. W. 2008.

PACHYGYRA [Hexacoralla].

———— *microphyes*. Felix, J. 1521.

PARACTATHUS [Hexacoralla].

———— *pedroensis*. Arnold, R. 1342.

PARASMILIA [Hexacoralla].

———— *texana*. Vaughan, T. W. 2008.

PATTALOPHYLLIA [Hexacoralla].

———— *dalmatina*. Oppenheim, P. 1762.

PHILLIPSTRAEA [Tetracoralla].

———— *micastraea*. Penecke, K. A. 1787.

———— *schafferi*. Penecke, K. A. 1787.

PHYLLOCOENIA [Hexacoralla].

———— *roashensis*. Daqué, E. 1468.

PHYLLOSMILIA [Hexacoralla].

———— *aegale*. Felix, J. 1521.

———— *diversicostata*. Felix, J. 1521.

———— *transiens*. Felix, J. 1521.

PLACOCOENIA [Hexacoralla].

———— *decamera*. Volz, W. 2012.

———— *major*. Felix, J. 1521.

———— *uhlgi*. Volz, W. 2012.

PLACONELIA [Hexacoralla].

———— *bigemmis*. Felix, J. 1521.

Placophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.

———— *tabulatum*. Simpson, G. B. 1921.

PLACOSMILIA [Hexacoralla].

———— *cornu*. Oppenheim, P. 1762.

———— *europbila*. Felix, J. 1521.

PLACOTROCHUS [Hexacoralla].

———— *inflectus*. Dennant, J. 1474.

———— *pueblensis*. Dennant, J. 1474.

PLESIOPHYLLIA [Hexacoralla].

———— *acrisionae*. Felix, J. 1521.

Pleurepodia n. gen. Dennant, J. 1474.

———— *otraynsia*. Dennant, J. 1474.

POSITES [Hexacoralla].

———— *crustulum*. Oppenheim, P. 1762.

Prismatophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.**PROTOSERIS** [Hexacoralla].

———— *cretacea*. Felix, J. 1521.

Pallogyra n. gen. [Hexacoralla]. Felix, J. 1521.

———— *telleri*. Felix, J. 1521.

RHABDOPHYLLIA [Hexacoralla].

———— *fallax*. Oppenheim, P. 1762.

ROMINGERIA [Tabulata].

———— *commutata*. Beecher, C. E. 1358.

———— *jacksoni*. Beecher, C. E. 1358.

———— *minor*. Beecher, C. E. 1358.

Scenophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.**Schoenophyllum** n. gen. [Tetracoralla].
Simpson, G. B. 1921.**STENOGYRA** [Hexacoralla].

———— *sinuosa*. Felix, J. 1521.

STEPHANOCOENIA [Hexacoralla].

———— *halmopotis*. Felix, J. 1522.

———— *major*. Felix, J. 1522.

STEPHANOSMILIA [Hexacoralla].

———— *d'achiardii*. Oppenheim, P. 1762.

Stereolasma n. gen. [Tetracoralla].
Simpson, G. B. 1921.**STRIATOPORA** [Tabulata].

———— *bellistriata*. Greene, G. K. 1570b.

STYLINA [Hexacoralla].

———— *parristella*. Volz, W. 2012.

Synaptophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.

THAMNARAEA [Hexacoralla].

- *cladophora*. Felix, J. 1521.
 ——— *lithodes*. Felix, J. 1521.

THAMNASTRAEA [Hexacoralla].

- *carinata*. Felix, J. 1521.
 ——— *leptophylla*. Felix, J. 1521.
 ——— *montuosa*. Felix, J. 1521.

THAMNOPHYLLUM [Tetracoralla].

- *supradeticum*. Penecke, K. A. 1787.

Triplophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.**TROCHOCYATHUS** [Hexacoralla].

- *adelaidensis*. Dennant, J. 1474.
 ——— *infracompessus*. Dennant, J. 1474.
 ——— *maplestonei*. Dennant, J. 1474.
 ——— *microphyes*. Felix, J. 1521.
 ——— *planicostatus*. Dennant, J. 1474.

TROCHOSERIS [Hexacoralla].

- *d'achiardii*. Oppenheim, P. 1762.
 ——— *semitplanus*. Oppenheim, P. 1762.

TROCHOSMILIA [Hexacoralla].

- *chondrophora*. Felix, J. 1521.
 ——— *didymophila*. Felix, J. 1521.
 ——— *leptogramma*. Felix, J. 1521.
 ——— *psecadiophora*. Felix, J. 1521.

TURBINOSERIS [Hexacoralla].

- *dubravitzensis*. Oppenheim, P. 1762.

ZAPHRENTIS [Tetracoralla].

- *trisinuatus*. Greene, G. K. 1570 b.
 ——— *iceberi*. Greene, G. K. 1570 a.

1031 ECHINODERMATA.**ANTEDON** [Crinoidea].

- *koprionicensis*. Remeš, M. 1837.
 ——— *lorioli*. Remeš, M. 1837.

ARTHRASTER [Asteroidea].

- *senonensis*. Valette, D. A. 1996.

BOTRYOCRINUS [Crinoidea].

- *longibrachiatum*. Chapman, F. 1429.

BRISSOPSIS [Echinoidea].

- *forojuliensis*. Oppenheim, P. 1762.

CALCEOCRINUS [Crinoidea].

- *granuliferus*. Greene, G. K. 1570.

CAMAROCRINUS [Crinoidea].

- *ulrichi*. Schuchert, C. 1885.

CARPENTEROBLASTUS [Blastoidea].

- *teryi*. Greene, G. K. 1570.

CIDAROBLASTUS [Blastoidea].

- *partus*. Hambach, G. 1577.

Coelocystis n. gen. [Crinoidea].
Schuchert, C. 1885.**CRIBROBLASTUS** [Blastoidea].

- *incisus*. Hambach, G. 1557.
 ——— *schucherti*. Hambach, G. 1577.
 ——— *tenuis*. Hambach, G. 1577.
 ——— *tenuistriatus*. Hambach, G. 1577.
 ——— *verrucosus*. Hambach, G. 1577.

CYPHOSOMA [Echinoidea].

- *mollense*. Paulcke, W. 1781.

CYRTOCRINUS [Crinoidea].

- *marginatus*. Remeš, M. 1837.

var. compactus n. var.

compactus G. K. 1570.

cupuliformis. Greene, G. K. 1571.

concinus n. var. Greene, G. K. 1571.

decoratus n. var. Greene, G. K. 1571.

eximius. Greene, G. K. 1570.

elegantulus. Greene, G. K. 1571.

excavatus v. *incarinatus* n. var. Greene, G. K. 1570.

fungiferus. Greene, G. K. 1570.

multibrachiatus. Greene, G. K. 1570.

multinodulosus. Greene, G. K. 1571.

noduliferus. Greene, G. K. 1570.

pernodulosus. Greene, G. K. 1570.

springeri. Greene, G. K. 1570.

velleri. Greene, G. K. 1570.

CHINOCORINUS [Crinoidea].

loczyi. Katzer, F. 1840.

MEGISTOCRINUS [Crinoidea].

cupuliformis. Remeš, M. 1837.

granulatus. Remeš, M. 1837.

holopiformis. Remeš, M. 1837.

tithonius. Remeš, M. 1837.

GENNAECORINUS [Crinoidea].

comptus. Greene, G. K. 1570.

comptus var. *spiniferus* n. var. Greene, G. K. 1570.

facetus. Greene, G. K. 1570.

sculptus. Greene, G. K. 1570.

GLOBOLASTES [Blastoidea].

magnificus. Hambach, G. 1577.

ornatus. Hambach, G. 1577.

spithatus. Hambach, G. 1577.

Helicocrinus n. gen. [Crinoidea]. Chapman, F. 1429.

plumosus. Chapman, F. 1429.

HEMIASTER [Echinoidea].

basidecorus. Oppenheim, P. 1762.

Jaekelocystis n. gen. [Cystoidea]. 1885.

hartleyi. Schuchert, C. 1885.

MEGISTOCRINUS [Crinoidea].

expansus var. *magnicentrus* n. var. Greene, G. K. 1570.

oppelti. Greene, G. K. 1570.

rugosus var. *spinuliferus* n. var. Greene, G. K. 1570.

Paropsonema n. gen. [Echinoidea?]. Clarke, J. M. 1437.

cryptophya. Clarke, J. M. 1437.

PENTACEROS [Asteroidea].

senonensis. Valette, D. A. 1996.

PENTREMITES [Blastoidea].

angustus. Hambach, G. 1577.

kirki. Hambach, G. 1577.

obtusius. Hambach, G. 1577.

rusticus. Hambach, G. 1577.

serratus. Hambach, G. 1577.

tulipaformis. Hambach, G. 1577.

turbinatus. Hambach, G. 1577.

PERICOSMUS [Echinoidea].

tergestinus. Oppenheim, P. 1762.

PHYLLOCRINUS [Crinoidea].

———— *cyclamen*. Remeš, M. 1837.

PLATYCRINUS [Crinoidea].

———— *detonicus*. Greene, G. K. 1570.

POROCIDARIS [Echinoidea].

———— *prior*. Oppenheim, P. 1762.

PSEUDOCRINITES [Cystoidea].

———— *clarki*. Schuchert, C. 1885.

———— *gordoni*. Schuchert, C. 1885.

———— *perdeici*. Schuchert, C. 1885.

———— *stellatus*. Schuchert, C. 1885.

SACCOBLASTUS [Blastoidea].

———— *ventricosus*. Hambach, G. 1577.

SCLEROCRINUS [Crinoidea].

———— *batheri*. Remeš, M. 1837.

———— *pyriformis*. Remeš, M. 1837.

———— *tenuis*. Remeš, M. 1837.

SPHAEROCYSTITES [Crinoidea].

———— *globularis*. Schuchert, C. 1885.

STEMMATOCRINUS ? [Crinoidea].

———— *veryi*. Greene, G. K. 1570.

STEPHANOCRINUS [Crinoidea].

———— *deformis*. Greene, G. K. 1570.

———— *quinquepartitus*. Greene, G. K. 1570.

1831 VERMES.**SERPULA** [Polychaeta].

———— *konjavacensis*. Oppenheim, P. 1762.

———— *laterecristata*. Oppenheim, P. 1762.

———— *pseudospirulacea*. Oppenheim, P. 1762.

———— *torquata*. Remeš, M. 1837.

2031 BRACHIOPODA AND BRYOZOA.**AMPHICLINA** [Brachiopoda].

———— *bukowskii*. Bittner, A. 1378.

AMPHICLINODONTA [Brachiopoda].

———— *katzeri*. Bittner, A. 1378.

AULACOTHYRIS [Brachiopoda].

———— *cognata*. Bittner, A. 1378.

———— *cymbula*. Bittner, A. 1378.

———— *geyeri*. Bittner, A. 1378.

———— *gregalis*. Bittner, A. 1378.

———— *incurvata*. Bittner, A. 1378.

———— *loeffelholzii*. Bittner, A. 1378.

———— *mira*. Bittner, A. 1378.

———— *obesula*. Bittner, A. 1378.

———— *praevaliana*. Bittner, A. 1378.

———— *reclinata*. Bittner, A. 1378.

———— *redunca*. Bittner, A. 1378.

———— *semit plana*. Bittner, A. 1378.

———— *simulatrix*. Bittner, A. 1378.

———— *soror*. Bittner, A. 1378.

———— *sparsa*. Bittner, A. 1378.

———— *supina*. Bittner, A. 1378.

———— *turgidula*. Bittner, A. 1378.

———— *wähneri*. Bittner, A. 1378.

Aulopocella n. gen. [Bryozoa]. Maplestone, C. M. 1712.

BATOSTOMELLA [Bryozoa].

———— *leia*. Condra, G. E. 1454.

CAMAROTOECHIA [Brachiopoda].

———— *nitida*. Kinder, E. M. 1651.

CELLEPORA [Bryozoa].

———— *stellata*. Maplestone, C. M. 1711.

CERIOPORA [Bryozoa].

- *multiformis*. Daqué, E.
1468.

CHONETES [Brachiopoda].

- *crassa testis*. Gürich, G.
1576.
- *crenucelli*. Chapman, F.
1430.
- *neibauruensis*. Chapman,
F. 1430.
- *robusta*. Chapman, F.
1430.

CRASSIELLA [Brachiopoda].

- *lata*. Chapman, F. 1430.

CYLOTREYLLA ? [Bryozoa].

- *harberi*. Condra, G. E.
1454.

CYRTINA [Brachiopoda].

- *katzeri*. Bittner, A. 1378.
- *scalteri*. Bittner, A. 1378.

CYSTODICTYA ? [Bryozoa].

- *anicopora*. Condra, G. E.
1454.
- *lophodes*. Condra, G. E.
1454.

DEMYIA [Bryozoa].

- *subfrondosa*. Cumings, E.
R. 1467.
- *ulrichi* var. *expansa* n. var.
Cumings, E. R. 1467.
- *ulrichi* var. *lobata* n. var.
Cumings, E. R. 1467.

Dimorphocella n. gen. [Bryozoa].

- *pyriformis*. Maplestone, C.
M. 1711.

EAECTINOPORA [Bryozoa].

- *castletoniensis*. Barnes, T.
1348.

FENESTELLA [Bryozoa].

- *australis*. Chapman, F.
1430.
- *binodata*. Condra, G. E.
1454.
- *conradi* var. *compactilis* n.
var. Condra, G. E. 1454.

FENESTELLA [Bryozoa].

- *cylofenestrata*. Condra, G.
E. 1454.
- *gracilis*. Condra, G. E.
1454.
- *margaritifera*. Chapman, F.
1430.
- *parcipora*. Condra, G. E.
1454.
- *polyporoides*. Condra, G. E.
1454.
- *spinulosa*. Condra, G. E.
1454.
- *subrudis*. Condra, G. E.
1454.

FISTULIPORA [Bryozoa].

- *carbonaria* var. *nebrascensis*
n. var. Condra, G. E.
1454.

GYPIDULA [Brachiopoda].

- *romingeri* var. *indianensis* n.
var. Kindle, E. M. 1651.

HORKERA [Bryozoa].

- *airensis*. Maplestone, C. M.
1711.

KINGENA [Brachiopoda].

- *blanckenhorni*. Daqué, E.
1468.

LEIOPHYXCHUS [Brachiopoda].

- *cracoviensis*. Gürich, G.
1576.
- *laevis*. Gürich, G. 1576.

LINGULA [Brachiopoda].

- *latior*. Chapman, F. 1430.
- *spryi*. Chapman, F. 1430.

MARTINIA [Brachiopoda].

- *williamsi*. Kindle, E. M.
1651.

MEEKOPORA [Bryozoa].

- *prosseri*. Condra, G. E.
1454.

MONOMEREILLA [Brachiopoda].

- *norchoracum*. Clarke, J. M.
& Ruedemann, R. 1444.

OBOLICLOIDEA [Brachiopoda].

———— *selwyni*. Chapman, F. 1430.

ORTHIS [Brachiopoda].

———— *tectiformis*. Walther, K. 2017.

ORTHOTICHA [Brachiopoda].

———— *poechi*. Katzer, F. 1640.

PHYLACTELLA [Bryozoa].

———— *cribrosa*. Maplestone, C. M. 1711.

PLECTAMBONITES [Brachiopoda].

———— *cressicelli*. Chapman, F. 1430.

———— *transversalis*. Chapman, F. 1430.

POLYPORA [Bryozoa].

———— *bassleri*. Condra, G. E. 1454.

———— *remota*. Condra, G. E. 1454.

———— *reversipora*. Condra, G. E. 1454.

———— *ulrichi*. Condra, G. E. 1454.

PRODUCTUS [Brachiopoda].

———— *amazonicus*. Katzer, F. 1640.

———— *mysius*. Enderle, J. 1508.

———— *troianus*. Enderle, J. 1508.

RETEPORA [Bryozoa].

———— *airensis*. Maplestone, C. M. 1711.

———— *arborescens*. Maplestone, C. M. 1711.

———— *complanata*. Maplestone, C. M. 1711.

———— *delicatula*. Maplestone, C. M. 1711.

———— *uniserialis*. Maplestone, C. M. 1711.

RETICULARIA [Brachiopoda].

———— *wabashensis*. Kindle, E. M. 1651.

RETZIA [Brachiopoda].

———— *magnifica*. Bittner, A. 1378.

RHYNCHONELLA [Brachiopoda].

———— *ambitiosa*. Bittner, A. 1378.

———— *atomaria*. Bittner, A. 1378.

———— *begum*. Bittner, A. 1378.

———— *bogumilorum*. Bittner, A. 1378.

———— *bukowekii*. Bittner, A. 1378.

———— *chanum*. Bittner, A. 1378.

———— *delecta*. Bittner, A. 1378.

———— *depressa*. Kindle, E. M. 1651.

———— *deserta*. Bittner, A. 1378.

———— *dinarica*. Bittner, A. 1378.

———— *fuchsii*. Bittner, A. 1378.

———— *gainesi* var. *cassensis* n. var. Kindle, E. M. 1651.

———— *illyrica*. Bittner, A. 1378.

———— ? *litchfieldensis*. Schuchert, C. 1883.

———— *manganophila*. Bittner, A. 1378.

———— *nissa*. Bittner, A. 1378.

———— *nitidula*. Bittner, A. 1378.

———— *pastroticchiana*. Bittner, A. 1378.

———— *patazena*. Bittner, A. 1378.

———— *perpusilla*. Bittner, A. 1378.

———— *proclivis*. Bittner, A. 1378.

———— *repentina*. Bittner, A. 1378.

———— *trebevicensis*. Bittner, A. 1378.

———— *vicaria*. Bittner, A. 1378.

RHYNCOPORA [Brachiopoda].

———— *incurvata*. Neviani, A. 1741.

SCHISMOPORA [Bryozoa].

———— *circumvallata*. Maplestone, C. M. 1711.

———— *otwayensis*. Maplestone, C. M. 1711.

SIPHONOTRETA [Brachiopoda].

———— *australis*. Chapman, F. 1430.

———— *maccayi*. Chapman, F. 1429.

Solenopora n. gen. [Bryozoa]. Maplestone, C. M. 1711.

———— *tubulifera*. Maplestone, C. M. 1711.

SPIRIFER [Brachiopoda].

———— *ceres*. Reed, F. R. C. 1828

———— *gregarius* var. *greeni* n. var. Kindle, E. M. 1651.

———— *melissensis*. Enderle, J. 1508.

———— *mucronatus* var. *arkonensis* n. var. Shimer, H. W. & Grabau, A. W. 1912.

———— *mucronatus* var. *thedfordensis* n. var. Shimer, H. W. & Grabau, A. W. 1912.

———— *palkouae*. Gürich, G. 1576.

———— *piracanensis*. Katzer, F. 1640.

———— *zarecznyi*. Gürich, G. 1576.

SPIRIFERINA [Brachiopoda].

———— *baliensis*. Enderle, J. 1508.

———— *megarhyncha*. Bittner, A. 1378.

———— *meridionalis*. Bittner, A. 1378.

———— *microglossa*. Bittner, A. 1378.

———— *osmana*. Bittner, A. 1378.

———— *solitaria*. Bittner, A. 1378.

———— *turcica*. Bittner, A. 1378.

SPIRIGERA [Brachiopoda].

———— *matutina*. Bittner, A. 1378.

———— *biplicatula*. Bittner, A. 1378.

———— *bukowskii*. Bittner, A. 1378.

———— *canaliculata*. Bittner, A. 1378.

———— *cornutula*. Bittner, A. 1378.

———— *kittlii*. Bittner, A. 1378.

STENOPORA [Bryozoa].

———— *distans*. Condra, G. E. 1454.

———— *heteropora*. Condra, G. E. 1454.

———— *polyspinosa* (Provisional). Condra, G. E. 1454.

Stolzenburgiella n. subgen. [Brachiopoda]. Bittner, A. 1378.

———— *bukowskii*. Bittner, A. 1378.

STROPHEODONTA [Brachiopoda].

———— *alata*. Chapman, F. 1430.

———— *lilydalensis*. Chapman, F. 1430.

STROPHONELLA [Brachiopoda].

———— *euglyphoides*. Chapman, F. 1430.

TEREBRATALIA [Brachiopoda].

———— *smithi*. Arnold, R. 1342.

TEREBRATULA [Brachiopoda].

———— *bukowskii*. Bittner, A. 1378.

———— *cuccensis*. Bittner, A. 1378.

———— *hoeferi*. Oppenheim, P. 1762.

———— *kittlii*. Bittner, A. 1378.

———— *krafftii*. Bittner, A. 1378.

———— *praecox*. Bittner, A. 1378.

———— *suspecta*. Bittner, A. 1378.

THAMNISCUS [Bryozoa].

———— *palmatus* (Provisional). Condra, G. E. 1454.

———— *pinnatus*. Condra, G. E. 1454.

THECOSPIRA [Brachiopoda].

———— *textilis*. Bittner, A. 1378.

WALDHEIMIA [Brachiopoda].

———— *planoconvexa*. Bittner, A. 1378.

2231 MOLLUSCA.

AOLISINA [Gastropoda].

———— *barnetti*. Kindle, E. M. 1651.

———— *barnetti* var. *elongata* n. var. Kindle, E. M. 1651.

ADELOPOMA [Gastropoda].

———— *martensi*. Andreae, A. 1326.

- AGASIDES** [Cephalopoda].
 ——— *discoidalis*. Smith, J. P. 1930.
 ——— *gürichi*. Frech, F. 1543.
 ——— *praecursor*. Frech, F. 1543.
- AGATHICERAS** [Cephalopoda].
 ——— *ciscoense*. Smith, J. P. 1930.
- ALIGESA** [Pelecypoda].
 ——— *cerritensis*. Arnold, R. 1342.
- AMASTRA** [Gastropoda].
 ——— *fossilis*. Baldwin, D. D. 1345.
 ——— *senilis*. Baldwin, D. D. 1345.
- AMPHISSA** [Gastropoda].
 ——— *ventricosa*. Arnold, R. 1342.
- AMPULLOSPIRA** [Gastropoda].
 ——— *infraliasica*. Chartron & Cossmann. 1431.
- ANUSIUM** [Pelecypoda].
 ——— *concentricum*. Hind, W. 1601.
- ANATINA** [Pelecypoda].
 ——— *austinensis*. Shattuck, G. B. 1906.
 ——— *texana*. Shattuck, G. B. 1906.
- APHYLLITES** [Cephalopoda].
 ——— *barroisi*. Frech, F. 1543.
- ARCA** [Pelecypoda].
 ——— *delicatula*. Casey, T. L. 1427.
 ——— *invidiosa*. Casey, T. L. 1427.
 ——— *tenuistriata*. Remeš, M. 1837.
 ——— *vaughani*. Casey, T. L. 1427.
- ARCHAEOZONITES** [Gastropoda].
 ——— *conicus*. Andreae, A. 1326.

- ARIETITES** [Cephalopoda].
 ——— *peregrinus*. Fucini, A. 1547.
- ARPADITES** [Cephalopoda].
 ——— *celtitoides*. Airaghi, C. 1319.
- Arthaberites** n. gen. [Cephalopoda].
 Diener, C. 1484.
 ——— *alexandrae*. Diener, C. 1484.
- ASTARTE** [Pelecypoda].
 ——— *branneri*. Arnold, R. 1342.
 ——— *uhligi*. Remeš, M. 1837.
- ATAPHRUS** [Gastropoda].
 ——— *planilabium*. Chartron & Cossmann. 1431.
- ATRACTITES** [Cephalopoda].
 ——— *compressus*. Airaghi, C. 1319.
 ——— *marianii*. Airaghi, C. 1319.
 ——— *preveri*. Airaghi, C. 1319.
 ——— *tommasii*. Airaghi, C. 1319.
- ATURIA** [Cephalopoda].
 ——— *praeziczac*. Oppenheim, P. 1764.
- AUCELLA** [Pelecypoda].
 ——— *kirghisensis*. Sokolov, D. N. 1932.
 ——— *paradoxi*. Sokolov, D. N. 1932.
 ——— *pavlori*. Sokolov, D. N. 1932.
 ——— *scythica*. Sokolov, D. N. 1932.
- AVICULA** [Pelecypoda].
 ——— *valsaldae* n. form. Bistram, A. 1375.
- AVICULOPECTEN** [Pelecypoda].
 ——— *aerarius*. Bittner, A. 1378.
 ——— *bosniae*. Bittner, A. 1378.
 ——— *carrolli*. Hind, W. 1601.
 ——— *eskdalensis*. Hind, W. 1601.
 ——— *fimbriatus*. Hind, W. 1601.
 ——— *herbichii*. Bittner, A. 1378.
 ——— *inequalis*. Hind, W. 1601.
 ——— *interruptus*. Bittner, A. 1378.

AVICULOPECTEN [Pelecypoda].

- *katzeri*. Bittner, A. 1378.
 ——— *schlosseri*. Bittner, A. 1378.

AZEKA [Gastropoda].

- *frechi*. Andreae, A. 1326.

BAOTRITES [Cephalopoda].

- *carbonarius*. Smith, J. P. 1930.

BACULITES [Cephalopoda].

- *hochstetteri*. Liebus, A. 1687.

BARROISICERAS [Cephalopoda].

- *hyatti*. Shattuck, G. B. 1906.
 ——— *texanum*. Shattuck, G. B. 1906.

BELA [Gastropoda].

- *sanctae-monicae*. Arnold, R. 1342.

BELLEROPHON [Gastropoda].

- *attalicus*. Enderle, J. 1508.
 ——— *shelbiensis*. Clarke, J. M. & Ruedemann, R. 1444.
 ——— *sphaericus*. Walther, K. 2017.

BELOCERAS [Cephalopoda].

- *praecursor*. Frech, F. 1543.

Beyrichoceras n. subgen. [Cephalopoda].
Foord, A. H. 1528.

BITTIUM [Gastropoda].

- *williamsoni*. Arnold, R. 1342.

Bittnerites n. subgen. [of *Tirolites*].
[Cephalopoda]. Kittl, E. 1656.

- *bittneri*. Kittl, E. 1656.
 ——— *malici*. Kittl, E. 1656.
 ——— *telleri*. Kittl, E. 1656.

BRANCO CERAS [Cephalopoda].

- *enniaskillenense*. Foord, A. H. 1528.

CAULISTA [Pelecypoda].

- *subdiaphana* var. *pedroana*
 n. var. Arnold, R. 1342.

CALLONEMA [Gastropoda].

- *comus*. Kindle, E. M. 1651.

CAMPELOMA [Gastropoda].

- *harloutonensis*. Stanton, T. W. 1938.

CAPULUS [Gastropoda].

- *cassensis*. Kindle, E. M. 1651.

CARDIOLA [Pelecypoda].

- *pectinata*. Walther, K. 2017.

CARDITA [Pelecypoda].

- *aldrichi*. Casey, T. L. 1427.
 ——— *exerescens*. Pritchard, G. B. 1818.
 ——— *katzeri*. Oppenheim, P. 1762.

CARDIUM [Pelecypoda].

- *dabricense*. Oppenheim, P. 1762.
 ——— (*Granocardium*) *budaense*.
 Shattuck, G. B. 1906.
 ——— *haeringense*. Dreger, J. 1496.
 ——— ? *illyricum*. Oppenheim, P. 1762.
 ——— (*Protocardia*) *vaughani*.
 Shattuck, G. B. 1906.

CARYCHIUM [Gastropoda].

- *fischeri*. Boettger, O. 1385.

CERATITES [Cephalopoda].

- *paronai*. Airaghi, C. 1319.
 ——— *prior*. Kittl, E. 1656.

CERITHIELLA [Gastropoda].

- *welschi*. Chartron & Cossmann. 1431.

CERITHIUM [Gastropoda].

- *bosniacum*. Oppenheim, P. 1762.
 ——— *coracinum*. Oppenheim, P. 1762.
 ——— *delphinus*. Oppenheim, P. 1762.
 ——— *imperiale*. Oppenheim, P. 1762.

CRATHEIUM [Gastropoda].

- *katseri*. Oppenheim, P. 1762.
 —— *kittlii*. Oppenheim, P. 1762.
 —— *loparense*. Oppenheim, P. 1762.
 —— *lukovicense*. Oppenheim, P. 1762.
 —— *maccus*. Oppenheim, P. 1762.
 —— *plaga*. Oppenheim, P. 1762.
 —— *pontificale*. Oppenheim, P. 1762.
 —— *praebidentatum*. Oppenheim, P. 1762.
 —— *subfunatum*. Oppenheim, P. 1762.
 —— *subtiara*. Oppenheim, P. 1762.
 —— *tapeti*. Oppenheim, P. 1762.
 —— ? *texanum*. Shattuck, G. B. 1906.

CHAMA [Pelecypoda].

- *bosniaca*. Oppenheim, P. 1762.
 —— *minima*. Remeš, M. 1837.
 —— *tuzlana*. Oppenheim, P. 1762.

Chartronia n. gen. [Gastropoda].
Chartron & Cossmann. 1431.

- *digoniata*. Chartron & Cossmann. 1431.

CHIONE [Pelecypoda].

- *cognata*. Pritchard, G. B. 1818.
 —— *etheridgei*. Pritchard, G. B. 1818.

Claraia n. subgen. [of *Pseudo-monotis*].
[Pelecypoda]. Bittner, A. 1377. -**CLAVILITHES** [Gastropoda].

- *chamberlaini*. Johnson, C. W. & Grabau, A. W. 1631.

CLYMENIA [Cephalopoda].

- *aegoceras*. Frech, F. 1543.
 —— *intracostata*. Frech, F. 1543.
 —— *wysogorskii*. Frech, F. 1543.

Cochlespirella n. gen. [Gastropoda].
Casey, T. L. 1427.**COELIDIUM** [Gastropoda].

- n. nom. Clarke, J. M. & Ruedemann, R. 1444.

CAELOSTYLINA [Gastropoda].

- *chartroni*. Chartron & Cossmann. 1431.
 —— *elator*. Chartron & Cossmann. 1431.
 —— *mammillata*. Chartron & Cossmann. 1431.
 —— *mesaliaeformis*. Chartron & Cossmann. 1431.
 —— *paludinoides*. Chartron & Cossmann. 1431.

COLUMBELLA [Gastropoda].

- *minima*. Arnold, R. 1342.
 —— *oldroydi*. Arnold, R. 1342.
 —— *solidula* var. *praecursor* n. var. Arnold, R. 1342.

CONULARIA.

- *fimbriata*. Walther, K. 2017.

CONUS [Gastropoda].

- *scopularis*. Casey, T. L. 1427.

CORBULA [Pelecypoda].

- *laqueata*. Casey, T. L. 1427.
 —— *muschetowi*. Böhm, J. 1852.

CORYNA [Gastropoda].

- *oppoliensis*. Andreane, A. 1326.

CRASSATELLA [Pelecypoda].

- *kalitensis*. Oppenheim, P. 1762.

CRASSATELLITES [Pelecypoda].

- *camurus*. Pritchard, G. B. 1818.
- *kingicoloivles*. Pritchard, G. B. 1818.
- *maulensis*. Pritchard, G. B. 1818.

CTENOSTREON [Pelecypoda].

- ? *ponti*. Broili, F. 1398.

CYLINDROBULLINA [Gastropoda].

- *bulloides*. Chartron & Cossmann. 1431.
- *peracuta*. Chartron & Cossmann. 1431.

CYRENA [Pelecypoda].

- *quadrangularis*. Oppenheim, P. 1762.

CYRTOCERAS [Cephalopoda].

- *bovinum*. Clarke, J. M. & Ruedemann, R. 1444.
- *expansum*. Kindle, C. M. 1651.

CYRTORHIZOCERAS [Cephalopoda].

- *curticameratum*. Clarke, J. M. & Ruedemann, R. 1444.

CYTHIEREA [Pelecypoda].

- *dabricensis*. Oppenheim, P. 1762.
- *hilarionis*. Oppenheim, P. 1762.
- *orientalis*. Oppenheim, P. 1762.
- *rhomboidea*. Oppenheim, P. 1762.

Dalmatites n. gen. [Cephalopoda].

- Kittl, E. 1656.

- *morlaccus*. Kittl, E. 1656.

DELPHINOIDEA [Gastropoda].

- *coronarloensis*. Arnold, R. 1342.

DENTALIUM [Scaphopoda].

- *opaculum*. Casey, T. L. 1427.
- *polygonum*. Casey, T. L. 1427.

DENTALIUM [Scaphopoda].

- *a'renum*. Casey, T. L. 1427.
- *zephyrinum*. Casey, T. L. 1427.

DESMOCERAS [Cephalopoda].

- *jonesi*. Gregory, J. W. & Smith, F. V. 1575.

DIACRORA [Pelecypoda].

- n. nom. Cockerell, T. D. A. 1450.

DIWYOPSIS [Pelecypoda].

- *emmerichi* n. nom. Bistran, A. 1375.

DIMORPHOCERAS [Cephalopoda].

- *texnum*. Smith, J. P. 1930.

DINARITES [Cephalopoda].

- *angulatus*. Kittl, E. 1656.
- *biangulatus*. Kittl, E. 1656.
- *dezzoanus*. Tommasi, A. 1972.
- *diocletiani*. Kittl, E. 1656.
- *evolutior*. Kittl, E. 1656.
- *laeris*. Tommasi, A. 1972.
- *multicostatus*. Kittl, E. 1656.
- *progressus*. Kittl, E. 1656.
- *tirolitoides*. Kittl, E. 1656.

DRILLIA [Gastropoda].

- *harmonica*. Casey, T. L. 1427.
- *johnsoni*. Arnold, R. 1342.
- *merriami*. Arnold, R. 1342.
- *renaudi*. Arnold, R. 1342.

EDMONDIA [Pelecypoda].

- *bittneri*. Enderle, J. 1508.

Endianaulax n. subgen. [Gastropoda].

- Chartron & Cossmann. 1431.
- *planicallosum*. Chartron & Cossmann. 1431.

Entistiaenia n. gen. [Gastropoda].
Chartron & Coesmann.
1431.

———— *terquemi*. Chartron &
Coesmann. 1431.

Eodinea n. subgen. (of *Umbraculum*).
Aldrich, T. H. 1321.

Eotomaria [Gastropoda].

———— *areyi*. Clarke, J. M. &
Ruedemann, R. 1444.

———— *kayseri*. Clarke, J. M. &
Ruedemann, R. 1444.

Epternoceras n. subgen. [of *Tornoceras*] §
[Cephalopoda]. Frech, F.
1543.

———— *irideum*. § Frech, F. 1543.

Eucyclus [Gastropoda].

———— *tectiformis*. Chartron &
Coesmann. 1431.

Eulina [Gastropoda].

———— *wanneri*. Oppenheim, P.
1764.

Eumorphotis n. subgen. [of *Pseudo-*
monotis]. [Pelecypoda].
Bittner, A. 1377.

Eumphalus [Gastropoda].

———— *fairchildi*. Clarke, J. M.
& Ruedemann, R. 1444.

———— (*Straparollus*) *exiguus*. Kindle,
E. M. 1651.

Eutleura [Gastropoda].

———— *muriciformis* var. *curta* n.
var. Arnold, R. 1342.

Exelissa [Gastropoda].

———— *infraliasica*. Chartron &
Coesmann. 1431.

Exogyra [Pelecypoda].

———— *clarki*. Shattuck, G. B.
1906.

———— *reissi*. Paulcke, W. 1781.

Figulus [Gastropoda].

———— *cariceps*. Chartron & Coes-
mann. 1431.

Fusus [Gastropoda].

———— *erbreichi*. Oppenheim, P.
1762.

———— *texanus*. Shattuck, G. B.
1906.

Gastrioceras [Cephalopoda].

———— *circumnodosum*. Foord,
A. H. 1528.

———— *circumplicatile*. Foord, A. H.
1528.

———— *uelleri*. Smith, J. P. 1930.

Gastrochaena [Pelecypoda].

———— *striatula*. Aldrich, T. H.
1321.

Gervillea [Pelecypoda].

———— *dantzi*, Menzel, H. 1724.

Glycimeris [Pelecypoda].

———— *haeringensis*. Dreger, J.
1456.

———— *halli*. Pritchard, G. B.
1818.

———— *halli* var. *intermedius* n. var.
Pritchard, G. B. 1818.

———— *halli* var. *paucicostatus* n.
var. Pritchard, G. B.
1818.

Glyphioceras [Cephalopoda].

———— *crassum*. Foord, A. H.
1528.

———— *difficile*. Foord, A. H. 1528.

———— *obesum*. Foord, A. H. 1528.

———— *occidentale*. Foord, A. H.
1528.

———— *pulchellum*. Foord, A. H.
1528.

———— *subquadratum*. Foord, A. H.
1528.

———— *subreticulatum*. Foord, A. H.
1528.

———— *subtruncatum*. Foord, A. H.
1528.

Goniatites [Cephalopoda].

———— *delphiensis*. Kindle, E. M.
1651.

———— *neurosi*. Smith, J. P. 1930.

———— *wabashensis*. Kindle, E. M.
1651.

GONIORASIS [Gastropoda].

- ? *ortmanni*. Stanton, T. W. 1938.
 ——— ? *silberlingi*. Stanton, T. W. 1938.

GONIOCTYMENTA [Cephalopoda].

- *uhligi*. Frech, F. 1543.

GONIOLOBOCERAS [Cephalopoda].

- *welleri*. Smith, J. P. 1930.

GRYPHAKA [Pelecypoda].

- *romanoirakii* n. nom. Böhm, J. 1852.

GYMNITES [Cephalopoda].

- *mojsisovici*. Diener, C. 1484.

Gyralina n. subgen. [Gastropoda].
Andreae, A. 1326.**GYRODERAS** [Cephalopoda].

- *farciimen*. Clarke, J. M. & Ruedemann, R. 1444.
 ——— *indianense*. Kindle, E. M. 1651.

HIPPIURITES [Pelecypoda].

- *styriacus*. Hilber, V. 1600.

Hololobus n. subgen. [of *Tirolites*] [Cephalopoda]. Kittl, E. 1656.

- *monoptychus*. Kittl, E. 1656.

HOMOMYA [Pelecypoda].

- *austinensis*. Shattuck, G. B. 1906.
 ——— *rulgaris*. Shattuck, G. B. 1906.

HORMOTOMA [Gastropoda].

- *whitearcsi*. Clarke, J. M. & Ruedemann, R. 1444.

HYALINIA [Gastropoda].

- *muttiaca*. Boettger, O. 1385.
 ——— *miocaenica*. Andreae, A. 1326.
 ——— *procrystallina*. Andreae, A. 1326.
 ——— *romeri*. Andreae, A. 1326.

HYOLITHES [Gastropoda].

- *leptus*. Chapman, F. 1429.

INOCERAMUS [Pelecypoda].

- *crassus*. Petrascheck, W. 1793.
 ——— *hercynicus*. Petrascheck, W. 1793.
 ——— *laubei*. Lichten, A. 1637.
 ——— *saxonius*. Petrascheck, W. 1793.

ISOARCA [Pelecypoda].

- *boehmi*. Remeš, M. 1837.

JOANNITES [Cephalopoda].

- *proatus*. Diener, C. 1484.

KYMATITAS [Cephalopoda].

- *scilajanus*. Kittl, E. 1656.

LAGENA [Gastropoda].

- ? *antarctica*. Weller, S. 2023.

LEDA [Pelecypoda].

- *futtereri*. Böhm, J. 1852.
 ——— *minuta* var. *praecursor* n. var. Arnold, R. 1342.

LEUCOCHILUS [Gastropoda].

- *ferdinandi*. Andreae, A. 1326.

LIMA [Pelecypoda].

- *haeringensis*. Dreger, J. 1496.
 ——— *mittereri*. Dreger, J. 1496.
 ——— *quadrangularis*. Remeš, M. 1837.
 ——— *sculpturata*. Remeš, M. 1837.
 ——— *shumardi*. Shattuck, G. B. 1906.

LIMATULA [Pelecypoda].

- *scotica*. Hind, W. 1601.

LIMEA [Pelecypoda].

- *delanouci*. Oppenheim, P. 1764.

LEONAEA [Gastropoda].

- *amplecta*. Gorjanović-Kramberger, K. [Dragutin]. 1559.
- *halavatsi*. Gorjanović-Kramberger, K. [Dragutin]. 1559.
- *rugosa*. Gorjanović-Kramberger, Karl. [Dragutin]. 1559.
- *undulata*. Gorjanović-Kramberger, K. [Dragutin]. 1559.

LITHOPHAGUS [Pelecypoda].

- *latecandatus*. Pritchard, G. B. 1818.

Loparia n. gen. [Pelecypoda].
Oppenheim, P. 1762.

- *kalzeri*. Oppenheim, P. 1762.

LUCINA [Pelecypoda].

- *dalmatina*. Oppenheim, P. 1762.
- *gunyoungensis*. Pritchard, G. B. 1818.
- *illyrica*. Oppenheim, P. 1762.
- *pardalina*. Oppenheim, P. 1762.
- *prominensis*. Oppenheim, P. 1762.
- *scopularis*. Casey, T. L. 1427.
- *ricksburgensis*. Casey, T. L. 1427.

LYRIA [Gastropoda].

- *nestor* n. subsp. Casey, T. L. 1427.

MAENECERAS [Cephalopoda].

- *koeneni*. Frech, F. 1543.

MAMMITES [Cephalopoda].

- *binicostatus*. Petrascheck, W. 1792.

MANGILIA [Gastropoda].

- *branneri*. Arnold, R. 1342.
- *hooteri*. Arnold, R. 1342.

MANGILIA [Gastropoda].

- *interfossa* var. *pedroana* n. var. Arnold, R. 1342.
- *oldroydi*. Arnold, R. 1342.
- *painei*. Arnold, R. 1342.
- *strongi*. Arnold, R. 1342.

MARGARITA [Gastropoda].

- *optabilis* var. *knechti* n. var. Arnold, R. 1342.
- *optabilis* var. *nodosa* n. var. Arnold, R. 1342.
- *parcipicta* var. *pedroana* n. var. Arnold, R. 1342.

MATHERIA [Pelecypoda].

- *brevis*. Whiteaves, J. F. 2025.

MEEKOCERAS [Cephalopoda].

- *canavarii*. Airaghi, C. 1319.

MELANATRIA [Gastropoda].

- *penecke*. Oppenheim, P. 1762.

MELANIA [Gastropoda].

- *majevitzae*. Oppenheim, P. 1762.

MELANOPSIS [Gastropoda].

- *franciscæ*. Brusina, S. 1414.
- *hazayi*. Brusina, S. 1414.
- *sikorai*. Brusina, S. 1414.
- *sikorai* var. *carinata* n. var. Kormos, T. 1666.
- *stanbi*. Brusina, S. 1414.
- *themaki*. Brusina, S. 1414.
- *tóthi*. Brusina, S. 1414.
- *vidovici*. Brusina, S. 1414.

METULA [Gastropoda].

- *fastidiosa*. Casey, T. L. 1427.
- *fragilis*. Casey, T. L. 1427.

- Microdrillia** n. gen. [Gastropoda].
 Casey, T. L. 1427.
 ——— *aldrichiella*. Casey, T. L.
 1427.
 ——— *biplicatula*. Casey, T. L.
 1427.
 ——— *elongatula*. Casey, T. L.
 1427.
 ——— *minutissima*. Casey, T. L.
 1427.
 ——— *robustula*. Casey, T. L.
 1427.
 ——— *rostratula*. Casey, T. L.
 1427.
 ——— *solidula*. Casey, T. L.
 1427.
 ——— *ricksburgella*. Casey, T. L.
 1427.

MITROMORPHA [Gastropoda].

- *intermedia*. Arnold, R.
 1342.

MUNIERICERAS [Cephalopoda].

- *dresdenae*. Petrascheck, W.
 1792.

MURCHISONIA [Gastropoda].

- *pergamena*. Enderle, J.
 1508.
 ——— *stachei*. Enderle, J. 1508.

MYEIDOPTERA [Pelecypoda].

- *dinarica*. Bittner, A.
 1378.
 ——— *emiliac*. Bittner, A. 1376.

MYTILARCA [Pelecypoda].

- *eduliformis*. Clarke, J. M.
 & Ruedemann, R. 1444.

MYTILICARDIA [Pelecypoda].

- *kalimnae*. Pritchard, G. B.
 1818.

MYTILUS [Pelecypoda].

- *moraboodensis*. Pritchard,
 G. B. 1818.

NASSA [Gastropoda].

- *cerritensis*. Arnold, R.
 1342.
 ——— *ternicolor* var. *hooteri* n. var.
 Arnold, R. 1342.

NATICA [Gastropoda].

- *goleana*. Dacqué, E. 1468.
 ——— *schafhaeutli*. Oppenheim, P.
 1762.
 ——— *vitellius*. Oppenheim, P.
 1762.

NATICOOPSIS [Gastropoda].

- *arthaberi*. Enderle, J.
 1508.

NATTILUS [Cephalopoda].

- *hilli*. Shattuck, G. B.
 1906.
 ——— *tommasii*. Airaghi, C. 1319.
 ——— *linae*. Airaghi, C. 1319.

NEAERA [Pelecypoda].

- *aegyptiaca*. Oppenheim, P.
 1764.

NERINEA [Gastropoda].

- *neuteockleata*. Broili, F.
 1398.

NGINUS [Gastropoda].

- *elongatus*. Chartron &
 Cossman. 1431.

NUCLA [Pelecypoda].

- *haeringensis*. Dreger, J.
 1496.
 ——— *hanoverensis*. Kindle, F.
 1651.

NUCULINA [Pelecypoda].

- *liasia* n. form. Bistram, A.
 1375.

Obliquipecten n. gen. [Pelecypoda].
 Hind, W. 1601.

- *lactis*. Hind, W. 1601.

OLINEBRA [Gastropoda].

- *keepi*. Arnold, R. 1342.
 ——— *lurida* var. *cerritensis* n. var.
 Arnold R. 1342.

OLOSTOMIA [Gastropoda].

- *diegensis*. Arnold, R.
 1342.
 ——— *grammatospira*. Arnold, R.
 1342.
 ——— *s'earnsii*. Arnold, R. 1342.

OLCOSTRUMASTES [Cephalopoda].

———— *antarctica*. Weller. S. 2023.

OLEACTRA [Gastropoda].

———— *fossilis*. Andreae, A. 1326.

OLIVELLA [Gastropoda].

———— *affluens*. Casey. T. S. 1427.

ORTHO CERAS [Cephalopoda].

———— *trusium*. Clarke, J. M. & Ruedemann. R. 1444.

Palaeolitha n. gen. [Pelecypoda]. Hind, W. 1601.

———— *lactis*. Hind, W. 1601.

———— *obliquiradiata*. Hind, W. 1601.

PALUDESTRIXA [Gastropoda].

———— *curta*. Arnold, R. 1342.

———— *stokesi*. Arnold, R. 1342.

Paracerithium n. gen. [Gastropoda]. Chartron & Cossmann. 1431.

———— *acanthocolpum*. Chartron & Cossmann. 1431.

———— *chartroni*. Chartron & Cossmann. 1431.

———— *loxocolpum*. Chartron & Cossmann. 1431.

———— *moorei*. Chartron & Cossmann. 1431.

PARALEGOCERAS [Cephalopoda].

———— *neursoni*. Smith, J. P. 1930.

Paralytoceras n. subgen. [of *Sporadoceras*]. [Cephalopoda]. Frech, F. 1543.

PECTEN [Pelecypoda].

———— *aeriphilus*. Bittner, A. 1378.

———— *amplidoxus*. Bittner, A. 1378.

———— *gemmaellaroi*. Remeš, M. 1837.

———— *hammeri*. Bittner, A. 1378.

———— *jordani*. Arnold, R. 1342.

———— *latiauritus* var. *fragilis* n. var. Arnold, R. 1342.

PECTES [Pelecypoda].

———— *mentariae*. Bittner, A. 1378.

———— *moravicus*. Remeš, M. 1837.

———— *malleri*. Menzel, H. 1724.

———— *neursoni*. Arnold, R. 1342.

———— *perrulgatus*. Bittner, A. 1378.

———— *strambergensis*. Remeš, M. 1837.

———— *tolaris*. Bittner, A. 1378.

PELTUSCULUS [Pelecypoda].

———— *raughani*. Woods, H. 2036.

PBOLADONTA [Pelecypoda].

———— *roemeri*. Shattuck, G. B. 1906.

PHOS [Gastropoda].

———— *falsus*. Casey, T. L. 1427.

———— *macilentus*. Casey, T. L. 1427.

PINACOCERAS [Cephalopoda].

———— *aspidoides*. Diener, C. 1484.

———— *stoppanii*. Airaghi, C. 1319.

PLACUNOPSIS [Pelecypoda].

———— *strambergensis*. Remeš, M. 1837.

PLANORBIS [Gastropoda].

———— *gürichi*. Andreae, A. 1326.

———— *multiformis* var. *kochi* n. var. Kormos, T. 1666.

PLATYCERAS [Gastropoda].

———— *arkonense*. Shimer, H. W. & Grabau, A. W. 1912.

———— *blatchleyi*. Kindle, E. M. 1651.

———— *dumosum* var. *pileum* n. var. Kindle, E. M. 1651.

———— *lineare*. Kindle, E. M. 1651.

———— *rictum* var. *spinosa* n. var. Kindle, E. M. 1651.

———— *subcirculare*. Kindle, E. M. 1651.

PLEURONAUTILUS [Cephalopoda].

- *marianii*. Airaghi, C. 1319.
 ——— *paronai*. Airaghi, C. 1319.

PLEUROTOMA [Gastropoda].

- *amica*. Casey, T. L. 1427.
 ——— *ancilla*. Casey, T. L. 1427.
 ——— *bartschi*. Arnold, R. 1342.
 ——— *collaris*. Casey, T. L. 1427.
 ——— *cooperi*. Arnold, R. 1342.
 ——— *dalli*. Arnold, R. 1342.
 ——— *evanescens*. Casey, T. L. 1427.
 ——— *handella*. Casey, T. L. 1427.
 ——— *hilgardi*. Casey, T. L. 1427.
 ——— *hooveri*. Arnold, R. 1342.
 ——— *intacta*. Casey, T. L. 1427.
 ——— *nepionica*. Casey, T. L. 1427.
 ——— *oblivia*. Casey, T. L. 1427.
 ——— *pedroana*. Arnold, R. 1342.
 ——— *plutonica*. Casey, T. L. 1427.
 ——— *smithi*. Arnold, R. 1342.
 ——— *vicksburgensis*. Casey, T. L. 1427.

PLEUROTOMARIA [Gastropoda].

- ? *anatolica*. Enderle, J. 1508.
 ——— *bassi*. Pritchard, G. B. 1819.
 ——— *lőczyi*. Schellwien, E. 1366.
 ——— *stantoni*. Shattuck, G. B. 1906.
 ——— *tertiari*. Pritchard, G. B. 1819.
 ——— *thebensis*. Oppenheim, P. 1764.

PLICATULA [Pelecypoda].

- *rotundata*. Remeš, M. 1837.
 ——— *tithonia*. Remeš, M. 1837.

POLEUMITA [Gastropoda].

- n. nom. Clarke, J. M. & Ruedemann, R. 1444.
 ——— *scamnata*. Clarke, J. M. & Ruedemann, R. 1444.

POPANOCERAS [Cephalopoda].

- *ganti*. Smith, J. P. 1930.

POSIDONOMYA [Pelecypoda].

- *bosniaca*. Bittner, A. 1378.

POTERIO CERAS [Cephalopoda].

- *sauridens*. Clarke, J. M. & Ruedemann, R. 1444.

PROARCESTES [Cephalopoda].

- *stampai*. Airaghi, C. 1319.

Procerithium n. gen. [Gastropoda].
Chartron & Cossman. 1431.

- *plocophorum*. Chartron & Cossman. 1431.
 ——— *potamidulum*. Chartron & Cossman. 1431.
 ——— *quinquegranosum*. Chartron & Cossman. 1431.
 ——— *tendaeense*. Chartron & Cossman. 1431.

PRODROMITES [Cephalopoda].

- *ornatus*. Smith, J. P. 1930.

PROLECANITES [Cephalopoda].

- *gurleyi*. Smith, J. P. 1930.
 ——— *kiliani*. Frech, F. 1543.
 ——— *lateseptatus*. Frech, F. 1543.

PROMATHILDIA [Gastropoda].

- *terebralis*. Chartron & Cossman. 1431.
 ——— *terquemi* n. nom. Bistram, A. 1375.

PRONORITES [Cephalopoda].

- *siebenthali*. Smith, J. P. 1930.

PROTHYRIS [Pelecypoda].

- *truncata*. Cleland, H. F. 1447.

PROTOPHRAGMOCERAS [Cephalopoda].

- *patronus*. Clarke, J. M. & Ruedemann, R. 1444.

PRUVOTINA [Amphineura].

- n. nom. Cockerell, T. D. A. 1450.

PSAMMOSIA [Pelecypoda].

———— *hosferi*. Oppenheim, P. 1762.

PSEUDAMUSIUM [Pelecypoda].

———— *concentrico-lineatum*. Hind, W. 1601.

Pseudaristites n. gen. [Cephalopoda].
Frech, F. 1543.

———— *silesiacus*. Frech, F. 1543.

PSEUDOMELANIA [Gastropoda].

———— *chartroni*. Chartron & Cossman. 1431.

———— *miliacea*. Chartron & Cossman. 1431.

PSEUDOMONOTIS [Pelecypoda].

———— *austriaca*. Bittner, A. 1377.

———— *beneckeii*. Bittner, A. 1377.

———— *bolgiensis* n. form. Bistram, A. 1375.

———— *intermedia*. Bittner, A. 1377.

———— *kittlii*. Bittner, A. 1377.

———— *lipoldi*. Bittner, A. 1377.

———— *stachei*. Bittner, A. 1377.

———— *tridentina*. Bittner, A. 1377.

PRYCHITES [Cephalopoda].

———— *charlyanus*. Diener, C. 1484.

———— *fastigatus*. Diener, C. 1484.

———— *marianii*. Airaghi, C. 1319.

———— *taramellii*. Airaghi, C. 1319.

RADIOLITES [Pelecypoda].

———— *gù ensis*. Dacqué, E. 1468.

SCHISTOCERAS [Cephalopoda].

———— *hyatti*. Smith, J. P. 1930.

SCHLOTHEIMIA [Cephalopoda].

———— *neumayri* n. nom. Bistram, A. 1375.

Schuchertites n. gen. [Cephalopoda].
Smith, J. P. 1930.

———— *grahami*. Smith, J. P. 1930.

SCOBINELLA [Gastropoda].

———— *fulmelica*. Casey, T. L. 1427.

———— *macer*. Casey, T. L. 1427.

———— *pluriplicata*. Casey, T. L. 1427.

SEMELE [Pelecypoda].

———— *pulchra montereyi*. Arnold, R. 1342.

Shumardites n. gen. [Cephalopoda].
Smith, J. P. 1930.

———— *simondsi*. Smith, J. P. 1930.

SIMPSONELLA [Pelecypoda].

———— n. nom. Cockerell, T. D. A. 1450.

Solenomorpha n. gen. [Pelecypoda].
Cockerell, T. D. A. 1449.**SOLENOMYA** [Pelecypoda].

———— *haeringensis*. Dreger, J. 1496.

SOLENOPSIS [Pelecypoda].

———— [*Solenomorpha*] *major*. Hind, W. 1603.

Sphenoceras n. subgen. [Cephalopoda].
Foord, A. H. 1528.**SPONDYLUS** [Pelecypoda].

———— *redlichi*. Oppenheim, P. 1762.

SPORADOCERAS [Cephalopoda].

———— *pseudosphæricum*. Frech, F. 1543.

Stachelites n. gen. [Cephalopoda]. Kittl, E. 1656.

———— *prionoides*. Kittl, E. 1656.

Svilajites n. subgen. [of *Tirolites*] [Cephalopoda]. Kittl, E. 1656.

———— *cingulatus*. Kittl, E. 1656.

———— *tietzei*. Kittl, E. 1656.

SYNOCYLONEMA [Pelecypoda].

———— *carboniferum*. Hind, W. 1601.

TELLINA [Pelecypoda].

———— *gümbeli*. Dreger, J. 1496.

———— *pilsbryi*. Casey, T. L. 1427.

THRACIA [Pelecypoda].

- *hoernesii*. Oppenheim, P. 1762.
 ——— *prominensis*. Oppenheim, P. 1762.

TIROLITES [Cephalopoda].

- *angustilobatus*. Kittl, E. 1656.
 ——— *angustus*. Kittl, E. 1656.
 ——— *bittneri*. Kittl, E. 1656.
 ——— *cingulatus*. Kittl, E. 1656.
 ——— *dimidiatus*. Kittl, E. 1656.
 ——— *distans*. Kittl, E. 1656.
 ——— *heterophanus*. Kittl, E. 1656.
 ——— *hybridus*. Kittl, E. 1656.
 ——— *kernerii*. Kittl, E. 1656.
 ——— *malici*. Kittl, E. 1656.
 ——— *monoptychus*. Kittl, E. 1656.
 ——— *multi-spinatus*. Kittl, E. 1656.
 ——— *paucispinatus*. Kittl, E. 1656.
 ——— *percostatus*. Kittl, E. 1656.
 ——— *repulsus*. Kittl, E. 1656.
 ——— *robustus*. Kittl, E. 1656.
 ——— *rotiformis*. Kittl, E. 1656.
 ——— *serratelobatus*. Kittl, E. 1656.
 ——— *spinosior*. Kittl, E. 1656.
 ——— *stachei*. Kittl, E. 1656.
 ——— *subillyricus*. Kittl, E. 1656.
 ——— *telleri*. Kittl, E. 1656.
 ——— *tietzei*. Kittl, E. 1656.
 ——— *toulai*. Kittl, E. 1656.
 ——— *undulatus*. Kittl, E. 1656.

TORNOCERAS [Cephalopoda].

- *acutum*. Frech, F. 1543.
 ——— *bertrandi*. § Frech, F. 1543.
 ——— (*Epitornoceras*) *irideum*. § Frech, F. 1543.
 ——— *haugi*. Frech, F. 1543.

TORNOCERAS [Cephalopoda].

- *holzapfeli*. Frech, F. 1543.
 ——— *loeschmanni*. Frech, F. 1543.
 ——— *rerae*. Frech, F. 1543.

TRIGONIA [Pelecypoda].

- *acuta*. Kitchin, F. L. 1651.
 ——— *brevicostata*. Kitchin, F. L. 1654.
 ——— *cardiniiformis*. Kitchin, F. L. 1654.
 ——— *chariensis*. Kitchin, F. L. 1654.
 ——— *crassa*. Kitchin, F. L. 1654.
 ——— *crenulata* var. *peruana* n. var. Paulcke, W. 1781.
 ——— *dhosaensis*. Kitchin, F. L. 1654.
 ——— *distincta*. Kitchin, F. L. 1654.
 ——— *dubia*. Kitchin, F. L. 1651.
 ——— *exortiva*. Kitchin, F. L. 1654.
 ——— *gracilis*. Kitchin, F. L. 1654.
 ——— *hispidula*. Kitchin, F. L. 1654.
 ——— *jumarensis*. Kitchin, F. L. 1654.
 ——— *mamillata*. Kitchin, F. L. 1654.
 ——— *molenegraffi*. Newton, R. B. 1746.
 ——— *nepos*. Paulcke, W. 1781.
 ——— *nitida*. Kitchin, F. L. 1654.
 ——— *parva*. Kitchin, F. L. 1654.
 ——— *progonos*. Paulcke, W. 1781.
 ——— *propinqua*. Kitchin, F. L. 1654.
 ——— *prora*. Kitchin, F. L. 1654.
 ——— *pulchra*. Kitchin, F. L. 1654.
 ——— *recurva*. Kitchin, F. L. 1654.

TRIGONIA [Pelecypoda].

- *remota*. Kitchin, F. L. 1654.
- *retrorsa*. Kitchin, F. L. 1654.
- *semiundulata* var. *granosa* n. var. Pritchard, G. B. 1818.
- *semiundulata* var. *lutosa* n. var. Pritchard, G. B. 1818.
- *spissicostata*. Kitchin, F. L. 1654.
- *tenuis*. Kitchin, F. L. 1654.
- *trapeziformis*. Kitchin, F. L. 1654.
- *tumida*. Kitchin, F. L. 1654.
- *u-scripta*. Kitchin, F. L. 1654.

TROCHUS [Gastropoda].

- *dahricensis*. Oppenheim, P. 1762.

TROPION [Gastropoda].

- *cerritensis*. Arnold, R. 1342.
- *pedroana*. Arnold, R. 1342.
- *stuarti* var. *praecursor* n. var. Arnold, R. 1342.

TURBONILLA [Gastropoda].

- *adleri*. Arnold, R. 1342.
- *arnoldi*. Arnold, R. 1342.
- *auricoma*. Arnold, R. 1342.
- *latifundia*. Arnold, R. 1342.
- *lowei*. Arnold, R. 1342.
- *lowei* var. *pedroana* n. var. Arnold, R. 1342.
- *pentalopha*. Arnold, R. 1342.
- *risso* n. nom. Arnold, R. 1342.
- *stearnsii*. Arnold, R. 1342.

TURRITELLA [Gastropoda].

- *budaensis*. Shattuck, G. B. 1906.
- *prominensis*. Oppenheim, P. 1762.

UMBRACULUM [Gastropoda].

- *elevatum*. Aldrich, T. H. 1321.

UNIO [Pelecypoda].

- *acsopiformis*. Whitfield, R. P. 2026.
- *browni*. Whitfield, R. P. 2026.
- *douglassi*. Stanton, T. W. 1938.
- *farri*. Stanton, T. W. 1938.
- *percorrugata*. Whitfield, R. P. 2026.
- *postbiplicata*. Whitfield, R. P. 2026.
- *retusoides*. Whitfield, R. P. 2026.
- *verrucosiformis*. Whitfield, R. P. 2026.

VALENCIENNESIA [Gastropoda].

- *alta*. Gorjanović - Kramberger, K. [Dragutin]. 1559.
- *arthaberi*. Gorjanović - Kramberger, K. [Dragutin]. 1559.
- *intermedia*. Gorjanović - Kramberger, K. [Dragutin]. 1559.
- *kiseljaki*. Gorjanović - Kramberger, K. [Dragutin]. 1559.
- *langhofferi*. Gorjanović - Kramberger, K. [Dragutin]. 1559.
- *limnaeoidea*. Gorjanović - Kramberger, K. [Dragutin]. 1559.
- *schafarziki*. Gorjanović - Kramberger, K. [Dragutin]. 1559.

VENERICARDIA [Pelecypoda].

- *vicksburgensis*. Casey, T. L. 1427.

VENUS [Pelecypoda].

- *prior*. Oppenheim, P. 1762.

VIVIPARUS [Gastropoda].

- *montanaensis*. Stanton, T. W. 1938.

VUISELLA [Pelecypoda].

———— *moravica*. Remeš, M. 1837.

WAAGENOCERAS [Cephalopoda].

———— *hilli*. Smith, J. P. 1930.

XENODISCUS [Cephalopoda].

———— *tanguticus*. Schellwien, E.
1865. 1866.

2431 ARTHROPODA.

CHELIPHLEBIA [Neuropteroidea].

———— *extensa*. Melander, A. L.
1722.

DIOTYONEURA [Orthopteroidea].

———— *clarinervis*. Melander, A. L.
1722.

DIECONEURA [Neuropteroidea].

———— *maxima*. Melander, A. L.
1722.

EUCAENUS [Neuropteroidea].

———— *attenuatus*. Melander, A. L.
1722.

———— *masonus*. Melander, A. L.
1722.

Megablattina n. gen. [Orthopteroidea].
Sellards, E. H. 1897.

———— *beecheri*. Sellards, E. H.
1897.

Petromartus n. gen. [Neuropteroidea].
Melander, A. L. 1722.

———— *indistinctus*. Melander,
A. L. 1722.

Protodictyon n. gen. [Neuropteroidea].
Melander, A. L. 1722.

———— *pulchripenne*. Melander,
A. L. 1722.

2631 CRUSTACEA.

Andorina n. gen. [Malacostraca].
Lörenthey, E. 1691.

———— *elegans*. Lörenthey, E.
1691.

BEYRICHIA [Ostracoda].

———— *kilmoriensis*. Chapman,
1429.

———— *ligatura*. Chapman, 1429.

———— *longibranchiatus*. Chapman,
F. 1429.

———— *maccoyiana* var. *australiae*
n. var. Chapman, F.
1429.

———— *wooriyallockensis*. Chapman,
F. 1429.

BYTHOOCYTHERE [Ostracoda].

———— *laevigata*. Egger, J. G.
1504.

CARYOCARIS [Phyllocarida].

———— *angusta*. Chapman, F.
1429.

CERATIOCARIS [Phyllocarida].

———— (Limnocaris) *praecedens*.
Clarke, J. M. 1442.

COELOMA [Decapoda].

———— *bicarinatum*. Ravn, J. P. J.
1823.

CYTHERE [Ostracoda].

———— *lineopunctata*. Egger, J. G.
1504.

———— *signata*. Egger, J. G.
1504.

———— *spinea*. Egger, J. G. 1504.

———— *sulcifera*. Egger, J. G.
1504.

Darányia n. gen. [Malacostraca].
Lörenthey, E. 1691.

———— *granulata*. Lörenthey, E.
1691.

EMMELEZOE [Phyllocarida].

———— *decora*. Clarke, J. M.
1442.

ESTHERIA [Phyllocarida].

———— *ortoni*. Clarke, J. M.
1442.

EUCYTHERE [Ostracoda].

———— *lienenklausi*. Egger, J. G.
1504.

GLYPHAEA [Decapoda].

———— *stokesi*. Weller, S. 2023.

HOPLOPARIA [Decapoda].

———— *groenlandica*. Ravn, J. P.
J. 1823.

KUTHE [Ostracoda].

———— *alveus*. Egger, J. G.
1504.

———— *praelonga*. Egger, J. G.
1504.

———— *radiolata*. Egger, J. G.
1504.

LOXOCOONCHA [Ostracoda].

———— *serrulata*. Egger, J. G.
1504.

Palaeomunida n. gen. [Malacostraca].
Lörenthey. 1690.

———— *defecta*. Lörenthey. 1690.

Palaeosphaeroma n. gen. [Edrioph-
thalma]. Remeš, M. 1137.

PHLYOTENODES [Malacostraca].

———— *steinmanni*. Lörenthey.
1690.

POSTOCYPRIS [Ostracoda].

———— *caudata*. Egger, J. G.
1540.

———— *ursulae*. Egger, J. G.
1503.

PSEUDOCYTHERE [Ostracoda].

———— *spinosa*. Egger, J. G.
1504.

RANINA [Malacostraca].

———— *bittneri*. Lörenthey. 1690.

Rhinopterocaris n. gen. [Phyllocarida].
Chapman, F. 1429.

———— *maccoyi*. Chapman, F.
1429.

Ribeirella n. gen. Schubert, R. J. &
Waagen, L. 1881.

RIBEIRIA.

———— *apusoides*. Schubert, R. J. &
Waagen, L. 1881.

———— *inflata*. Schubert, R. J. &
Waggen, L. 1881.

SACCOCARIS [Phyllocarida].

———— *tetragona*. Chapman, F.
1429.

SPHAEROMA [Edriophthalma].

———— *strambergensae*. Remeš, M.
1837.

Telphusograpsus n. gen. [Malacos-
traca]. Lörenthey. 1690.

———— *laevis*. Lörenthey. 1690.

ZANTHOPSIS [Decapoda].

———— *cretacea*. Branner, J. C.
1397.

**2831 XIPHOSURA, EURIPTERIDA,
TRILOBITA.****ACIDASPIS** [Trilobita].

———— *whitfieldi*. Hitchcock, C. H.
1606.

AGNOSTUS [Trilobita].

———— *elkedraensis*. Etheridge, R.
1517.

———— *girtanensis*. Reed, F. R. C.
1829.

AMPYX [Trilobita].

———— *drummockensis*. Reed,
F. R. C. 1829.

ASAPHUS [Trilobita].

———— *instabilis*. Reed, F. R. C.
1829.

DIONIDE [Trilobita].

———— *richardsoni*. Reed, F. R. C.
1829.

GRIFFITHIDES [Trilobita].

———— *tapajotensis*. Katzer, F.
1640.

MICRODISCUS [Trilobita].

———— *significans*. Etheridge, R.
1517.

Notasaphus n. gen. [Trilobita].
Gregory, J. W. 1572.

———— *fergusoni*. Gregory, J. W.
1572.

PSEUDONISCUS [Xiphosura].

———— *roosevelti*. Clarke, J. M.
1442.

REMORULEXES [Trilobita].

- *licornia*. Reed, F. R. C. 1829.
 ——— *correctus*. Reed, F. R. C. 1829.
 ——— *salteri* var. *gironensis* n. var. Reed, F. R. C. 1829.

SCHEMARIJA [Trilobita].

- *scotica*. Reed, F. R. C. 1829.

Tetracteryx n. subgen. [Trilobita].
Reed, F. R. C. 1829.**TRISTYLETES [Trilobita].**

- *subradiatus*. Reed, F. R. C. 1829.

3031 ARACHNIDA.**ASTHRODORIS n. g. [Anthracomarti].**

- *woodwardi*. Pocock, R. I. 1804.
 ——— *fritschii* n. sp. Pocock, R. I. 1805.

Hadrachne n. gen. [Anthracomarti].
Melander, A. L. 1722.

- *horribilis*. Melander, A. L. 1722.

KUSTARACHNE [Anthracomarti].

- *extincta*. Melander, A. L. 1722.
 ——— *fulcata*. Melander, A. L. 1722.

5431 PISCES.**ACROGNATHUS [Actinopterygii].**

- *dodgei*. Hay, O. P. 1591.

ACROLEPIS [Actinopterygii].

- *molyneuxi*. Woodward, A. Smith. 2046.

AIPICHTHYS [Actinopterygii].

- *formosus*. Hay, O. P. 1591.

Anguilliformes n. gen. [Actinopterygii].
Hay, O. P. 1591.

- *lathyrus*. Hay, O. P. 1591.

- *quadrifidus*. Hay, O. P. 1591.

COCOSTES [Actinopterygii].

- *laevigata*. Hay, O. P. 1591.

COCOETERES [Arthroderes].

- *angustus*. Traquair, R. H. 1982.

CYXOTHESSA [Actinopterygii].

- *signifer*. Hay, O. P. 1591.

DINOCETIS [Actinopterygii].

- *laticostatus*. Woodward, A. S. 2041.
 ——— *maximus*. Woodward, A. S. 2041.

Euchelion n. gen. [Actinopterygii].
Hay, O. P. 1591.

- *montium*. Hay, O. P. 1591.

EXCHOLUS [Actinopterygii].

- *aetus*. Hay, O. P. 1591.

Eubiodectes n. gen. [Actinopterygii].
Hay, O. P. 1591.**Gemindina n. gen. Traquair, R. H. 1982.**

- *sturtzi* n. sp. Traquair, R. H. 1982.

GINGLYMOSTOMA [Selachii].

- *blanckenhorni*. Stromer, E. 1958.

Helicoprion n. gen. Van de Wiele, C. 1997.**LEPTOTRACHELUS [Actinopterygii].**

- *serpentinus*. Hay, O. P. 1591.

LISTRACANTHUS [Ichthyodorulites].

- *wardi*. Woodward, A. S. 2038.

MICROCOELIA [Actinopterygii].

- *dayi*. Hay, O. P. 1591.

OMEROIDES [Actinopterygii].

- *ornatus*. Hay, O. P. 1591.
 ——— *postivagus*. Hay, O. P. 1591.

PHLYCTAESASPIS [Arthrodira].

- *germanica*. Traquair, R. H. 1932.

PROIOSPHYRAESA [Actinopterygii].

- *sequax*. Hay, O. P. 1590.

PYCNOSTERIX [Actinopterygii].

- *levispinosus*. Hay, O. P. 1591.

RAJA [Selachii].

- *whitfieldi*. Hay, O. P. 1591.

Ramphodus n. gen. [Holocephali].

Jaekel, O. 1622.

- *tetrodon*. Jaekel, O. 1622.

RHINELLUS [Actinopterygii].

- *delicatus*. Hay, O. P. 1591.

RHINOBATUS [Plagiostomi].

- *eretes*. Hay, O. P. 1591.

SAGENODUS [Sirenoidei].

- *pertenuis*. Eastman, C. R. 1499.

SARDINIUS [Actinopterygii].

- *imbellis*. Hay, O. P. 1590.

SAURICHTHYS [Actinopterygii].

- *latifrons*. Philippi, E.,
Jaekel, O., Volz, W. &
Frech, F. 1798.

- *lepidosteoides*. Philippi, E.,
Jaekel, O., Volz, W. &
Frech, F. 1798.

SCLERORHYNCHUS [Plagiostomi].

- *hiram*. Hay, O. P. 1591.

- *sentus*. Hay, O. P. 1591.

- *solomonis*. Hay, O. P. 1591.

Stenoprotome n. gen. [Actinopterygii].

Hay, O. P. 1591.

- *hamata*. Hay, O. P. 1591.

(K-653)

URINOTUS [Actinopterygii].

- *pertenuis*. Hay, O. P. 1591.

5631 REPTILIA AND BATRACHIA.**BAPTASOMUS** [Ichthyosauria].

- *urani*. Knight, W. C. 1854.

BRACHANETUS [Plesiosauroidea].

- *lucasi*. Lucas, F. A. 1793.

Brachiosaurus n. gen. [Dinosauria].

Riggs, E. S. 1849.

- *altivagus*. Riggs, E. S. 1849.

Castroia n. gen. [Chelonina].

Stefano De, G. 1944.

- *munieri*. Stefano De, G. 1944.

CLAOSAURUS [Dinosauria].

- ? *amnis*. Wieland, G. R. 2028.

CLEMYS [Chelonina].

- *heperia*. Hay, O. P. 1589.

- *saxea*. Hay, O. P. 1589.

DEUTEROSAURUS [Anomodontia].

- *seclayi*? n. sp. Nopcsa, F. jun. 1749.

Diceratosaurus n. gen. Jaekel, O. 1623.**DIPLODOCTUS** [Dinosauria].

- *carnegii*. Hatcher, J. B. 1581.

EKBAINACANTHUS n. gen [Stegocephalia].

- *techernyschewi* n. sp. Gakowlew, N. 1625.

EUCLASTES [Chelonina].

- *kochi*. Lörenthey, I. 1693.

HAPLOCANTHOSAURUS [Dinosauria].

- *utterbacki*. Hatcher, J. B. 1583.

Haplocanthus n. gen. [Dinosauria].
Hatcher, J. B. 1585.
——— *priscus*. Hatcher, J. B.
1585.

Ictidosaurus n. gen. [Anomodontia].
Broom, R. 1406.
——— *angusticeps*. Broom, R.
1406.

Leptocheirus n. gen. [Ichthyosauria].
Merriam, J. C. 1726.
——— *zitteli*. Merriam, J. C.
1726.

Lycosuchus [Anomodontia].
——— *mackayi*. Broom, R. 1406.

Opetiosaurus n. gen. [Lacertilia].
Kornhuber, A. 1667.
1668.
——— *bucchichi*. Kornhuber, A.
1667. 1668.

Ornitholestes n. gen. [Dinosauria].
Osborn, H. F. 1767.
——— *hermanni*. Osborn, H. F.
1767.

Paliguana n. gen. [Lacertilia]. Broom,
R. 1408.
——— *whitei*. Broom, R. 1408.

PELOMEDUSA [Chelonia].
——— *pliocaenica*. Reinach, A.
von. 1833.
——— *progaleata*. Reinach, A.
von. 1833.

PODOCNEMIS [Chelonia].
——— *antiqua*. Andrews, C. W.
1328A.
——— *blankenhorni*. Reinach, A.
von. 1833. 1834.
——— *fajumensis*. Andrews, C. W.
1328A.
——— *stromeri*. Reinach, A. von.
1833. 1834.

Proneusticosaurus n. gen. [Sauro-
pterygia]. Volz, W. 2011.
——— *madelungi*. Volz, W. 2011.
——— *silesiacus*. Volz, W. 2011.

PROTESUCHUS [Anomodontia].
——— *fergusi*. Broom, R. 1407.

Scylacosaurus n. gen. [Anomodontia].
Broom, R. 1406.
——— *sclateri*. Broom, R. 1406.

Scymnosaurus n. gen. [Anomodontia].
Broom, R. 1406.
——— *ferox*. Broom, R. 1406.

SHASTASAURUS [Ichthyopterygia].
——— *alexandrae*. Merriam, J. C.
1725.
——— *altispinus*. Merriam, J. C.
1725.
——— *careyi*. Merriam, J. C.
1725.
——— *osmonti*. Merriam, J. C.
1725.
——— *perrini*. Merriman, J. C.
1725.

STEREOGENYS [Chelonia].
——— *cromeri*. Andrews, C. W.
1328A.
——— *libyca*. Andrews, C. W.
1328A.
——— *podocnemoides*. Reinach, A.
von. 1833. 1834.

STERNOTHAERUS [Chelonia].
——— *dewitzianus*. Reinach, A.
von. 1833. 1834.

STYLEMYS [Chelonia].
——— *bottii*. Stefano (De), G.
1941.
——— *calarerensis*. Sinclair, W. J.
1923.

TITANOSUCHUS [Anomodontia].
——— *cloetei*. Broom, R. 1404.

Toretocnemus n. gen. [Ichthyosauria].
Merriam, J. C.
——— *californicus*. Merriam, J. C.
1726.

TRIONYX [Chelonia].
——— *clavatmarginatus*. Lören-
they, J. 1693.
——— *pliocaenicus*. Reinach, A.
von. 1833. 1834.
——— *senckenbergianus*. Reinach,
A. von. 1833. 1834.

ZATRACHYS [Stegocophalia].

———— *crucifer*. Case, E. C.
1426.

5831 AVES.

~~Mancania~~ **n. gen.** [Alcae]. Lucas, F. A.
1704.

———— *californiensis*. Lucas, F. A.
1704.

6031 MAMMALIA.**ACERATHERIUM** [Ungulata].

———— *bavaricum*. Stromer von
Reichenbach, E. 1960.

ACRIOCHOERUS [Ungulata].

———— *maximus*. Douglass, E.
1488.

———— *minimus*. Douglass, E.
1488.

ALCICEPHALUS [Ungulata].

———— *sinensis*. Schlosser, M.
1869.

ANCHITHERIUM [Ungulata].

———— *ziteli*. Schlosser, M. 1869.

Apternodus n. gen. [Insectivora].
Matthew, W. D. 1719.

———— *mediaetus*. Matthew, W. D.
1719.

Arretotherium n. gen. [Rodentia].
Douglass, E. 1488.

———— *acridens*. Douglass, E.
1488.

Bathygenys n. gen. [Ungulata].
Douglass, E. 1488.

———— *alpha*. Douglass, E. 1488.

BUNAEURUS [Carnivora].

———— *infelix*. Matthew, W. D.
1719.

Cervavus n. gen. [Ungulata]. Schlosser,
M. 1869.

———— *ruimeyeri*. Schlosser, M.
1869.

———— *speciosus*. Schlosser, M.
1869.

COLODON [Ungulata].

———— *cinzulatus*. Douglass, E.
1488.

Cylindrodon n. gen. [Rodentia].
Douglass, E. 1488.

———— *fontis*. Douglass, E. 1488.

CYNODICTIS [Carnivora].

———— *paterculus*. Matthew, W. D.
1719.

DIROIDES [Rodentia].

———— *majori*. Schlosser, M. 1869.

DRYOPITHECUS [Primates].

———— *darwini*. Abel, O. 1314.

ELEPHAS [Ungulata].

———— *cypriotes*. Bate, D. M. A.
1351.

ERCINEPELTUS [Edentata].

———— *complicatus*. Brown, B.
1411.

EUCROTAPHUS [Ungulata].

———— *helenae*. Douglass, E.
1488.

EUMYS [Rodentia].

———— *minor*. Douglass, E. 1488.

GAZELIA [Ungulata].

———— *altidens*. Schlosser, M.
1869.

———— *dorcadoides*. Schlosser, M.
1869.

———— *palaeosinensis*. Schlosser,
M. 1869.

GENETTA [Carnivora].

———— *plesictoides*. Bate, D. M. A.
1352.

Glyptotherium n. gen. [Edentata].
Osborn, H. F. 1768.

———— *texanum*. Osborn, H. F.
1768.

Grphopithecus n. gen. [Primates].
Abel, O. 1314.

———— *sucssi*. Abel, O. 1314.

HYAENA [Carnivora].

———— *gigantea*. Schlosser, M.
1869.

HYAENODON [Carnivora].

———— *minutus*. Douglass, E.
1488.

———— *montanus*. Douglass, E.
1488.

Hyaenognathus n. gen. [Carnivora].
Merriam, J. C. 1727.

———— ? *dubius*. Merriam, J. C.
1727.

———— *pachyodon*. Merriam, J. C.
1727.

HYPOGEOMIS [Rodentia].

———— *australis*. Grandidier, G.
1569.

ICTOPS [Insectivora].

———— *acutidens*. Douglass, E.
1488.

———— *thomsoni*. Matthew, W. D.
1719.

ISCHYROMYS [Rodentia].

———— *reterior*. Matthew, W. D.
1719.

LEPTOTRAGULUS [Ungulata].

———— *profectus*. Matthew, W. D.
1719.

Limnenetes n. gen. [Ungulata].
Douglass, E. 1488.

———— ? *anceps*. Douglass, E.
1488.

———— *platyceps*. Douglass, E.
1488.

LOPHIODON [Ungulata].

———— *sardus*. Bosco, C. 1390.

LUTRA [Carnivora].

———— *brachygnathus*. Schlosser, M.
1869.

MACHAIRODUS [Carnivora].

———— *horribilis*. Schlosser, M.
1869.

MASTODON [Ungulata].

———— *lydekkeri*. Schlosser, M.
1869.

MEGALOHYRAX [Ungulata].

———— *cocenus*. Andrews, C. W.
1331.

MELES [Carnivora].

———— *taxipater*. Schlosser, M.
1869.

Micropternodus n. gen. [Insectivora].
Matthew, W. D. 1719.

———— *borealis*. Matthew, W. D.
1719.

Mylaganulodon n. gen. [Rodentia].
Sinclair, W. J. 1922.

———— *angulatus*. Sinclair, W. J.
1922.

Neohipparion n. gen. [Ungulata].
Gidley, J. W. 1554.

———— *whitneyi*. Gidley, J. W.
1554.

NEOPITHECUS [Primates].

———— n. nom. Abel, O. 1314.

OREODON [Ungulata].

———— *robustum*. Douglass, E.
1488.

Ovis [Ungulata].

———— *mannhardi* n. form. Toulou, F.
1976.

PALAEOLAGUS [Rodentia].

———— *brachyodon*. Matthew, W. D.
1719.

———— *temnodon*. Douglass, E.
1488.

PALAEOREAS ? [Ungulata].

———— *sinensis*. Schlosser, M.
1869.

Paraboselaphus n. gen. [Ungulata].
Schlosser, M. 1869.

———— *ameghinoi*. Schlosser, M.
1869.

Paracamelus n. gen. [Ungulata].
Schlosser, M. 1869.

———— *gigas*. Schlosser, M. 1869.

Paramylodon n. gen. [Edentata].
Brown, B. 1412.

———— *nebrascensis*. Brown, B.
1412.

PERATHERIUM [Marsupialia].

———— *titanelix*. Matthew, W. D.
1719.

PLATYCONUS [Ungulata].

——— *texanus*. Gidley, J. W.
1555.

PLESIADDAX [Ungulata].

——— *depereti*. Schlosser, M.
1869.

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Merriam, J. C. 1727.

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Hatcher, J. B. 1582.

——— *nebrascensis*. Hatcher, J. B.
1582.

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——— *certa*. Major, C. I. F. 1710.

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Matthew, W. D. 1719.

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Hatcher, J. B. 1582.

——— *inflatus*. Hatcher, J. B.
1582.

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Matthew, W. D. 1720.

——— *loomisi*. Matthew, W. D.
1720.

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——— *gaudryi*. Schlosser, M.
1869.

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——— *gracilidens*. Schlosser, M.
1869.

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1869.

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——— *jeffersoni*. Douglass, E.
1488.

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——— *fritschi*. Nehring, A. 1737.

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——— *hesperus*. Douglass, E.
1488.

STIBARUS [Ungulata].

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STREPSIOEROS [Ungulata].

——— *annectens*. Schlosser, M.
1869.

——— *praecursor*. Schlosser, M.
1866.

Sus [Ungulata].

——— *hystherioides*. Schlosser, M.
1869.

——— *microdon*. Schlosser, M.
1869.

——— *stehleni*. Schlosser, M. 1869.

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1869.

——— *kokeni*. Schlosser, M. 1869.

——— *spectabilis*. Schlosser, M.
1869.

——— *sylvaticus*. Schlosser, M.
1869.

TROCHARION [Carnivora].

——— *albanense*. Major, C. I. F.
1710.

TROCHICTIS [Carnivora].

——— *depereti*. Major, C. I. F.
1710.

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1710.

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PALAEOBOTANY.

A. STRATIGRAPHICAL CLASSIFICATION.

35 GENERAL. INCLUDING STRATA OF UNKNOWN AGE.

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90.5000 GENERAL PALAEOBOTANY.

d **EUROPE.**

di **Switzerland.**

Jerosch, Marie Chr. Geschichte und Herkunft der schweizerischen Alpenflora. Eine Uebersicht über den gegenwärtigen Stand der Frage. Leipzig (W. Engelmann), 1903, (VI ÷ 253, mit Tab.). 8 M.

90.5400 DICOTYLEDONS.

Palibin, I. Ueber *Quercus kamyschinensis* Goepp. und einige ihm ähnliche fossile Arten. St. Peterburg. Verh. Russ. mineral. Ges., **40**, 1902 (1903), (453-467).

d **EUROPE.**

df **France.**

Langeron, Maurice. Note sur une empreinte remarquable provenant des Cinérites du Cantal. Autun, Bul. soc. hist. nat., **15**, 1902, (85-96, av. 2 pl.).

e **ASIA.**

ei **Asiatic Turkey.**

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i **AUSTRALASIA.**

ie **New South Wales.**

Deane, H[enry]. Descriptions of two new plants from the Tertiary of New South Wales. Sydney, N.S.W., Rec. Geol. Surv. N.S. Wales, **7**, pt. 3, 1903, (231-232, tables 45-46).

90.6000 MONOCOTYLEDONS.

e **ASIA.**

ei **Asiatic Turkey.**

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90.6500 GYMNOSPERMS.

d **EUROPE.**

dh **Italy.**

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dk **Austria-Hungary.**

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90.6700 VASCULAR CRYPTOGAMS.

i **AUSTRALASIA.**

ie **New South Wales.**

Deane, Henry. Description of two new plants from the Tertiary of New South Wales. Sydney, N.S.W., Rec. Geol. Surv. N.S. Wales, **7**, pt. 3, 1903, (231-232, tables 45-46).

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d **EUROPE.**

dh **Sicily.**

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95.5000 GENEPAL PALAEOBOTANY.

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d EUROPE.

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95.6500 GYMNOSPERMS.

Henning, Ernst. Kauriharz. Tropenpflanzer, Berlin, **6**, 1902, (146-149).

Schlechtendal, D. von. *Thuja occidentalis-thuringiaca* [n. sp.]. Zs. Natw., Stuttgart, **75**, 1903, (33-42, mit 3 Taf.).

Sukatscheff, W. Ueber das Vorkommen der Kiefer im subfossilen Zustande im südöstlichen Russland. Bot. Jahrb., Leipzig, **33**, 1903, Beiblatt Nr 72, (12-14).

g NORTH AMERICA.

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95.6700 VASCULAR CRYPTO-GAMS.

g NORTH AMERICA.

gg North Eastern United States.

Shimek, B[ohumil]. I. *Pyramidula shimckii* (Pils.) Shim. II. The Iowa Pteridophyta. Iowa City, Iowa, Bull. Univ., Lab. Nat. Hist., **5**, 1901, (130-170).

95.7000 MOSSES.

g NORTH AMERICA.

gi Western United States.

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95.7400 ALGAE AND SCHIZOPHYCEAE.

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d EUROPE.

dc German Empire.

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PALAEOBOTANY.

B. BOTANICAL CLASSIFICATION.

5000 GENERAL PALAEO-
BOTANY.5000.35 GENERAL, INCLUDING
STRATA OF UNKNOWN AGE.

Lagenostoma. Smedley, H. E. H. London, Q. J. Geol. Soc., **59**, 1903, (Proc. vii).

Pachytesta. Smedley, H. E. H. London, Q. J. Geol. Soc., **59**, 1903, (Proc. vii).

Stephanospermum. Smedley, H. E. H. London, Q. J. Geol. Soc., **59**, 1903, (Proc. vii).

Torreyia. Smedley, H. E. H. London, Q. J. Geol. Soc., **59**, 1903, (Proc. vii).

Zamia. Smedley, H. E. H. London, Q. J. Geol. Soc., **59**, 1903, (Proc. vii).

Celastrophyllum elegans. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Eucalyptus? dubia n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Ficus neurocarpa n. sp. Hollick, A. New York, N.Y., Bull. Torrey Bot. Cl., **30**, 1903, (102-105, with text-fig.).

Laurus hollickii n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Magnolia palaeopetala n. sp. Hollick, A. New York, N.Y., Bull. Torrey Bot. Cl., **30**, 1903, (102-105, with text-fig.).

Myrica heerii n. sp. Berry, E. W. Amer. Nat., Boston, Mass., **37**, 1903, (677-684, with pl.).

Nelumbo primaeva n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Populites tenuifolius n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Quercus hollickii n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Rhamnus norae-caesareae n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Salix matteucanensis n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Sassafras. Berry, E. W. Chicago, Ill., Bot. Gaz. Univ. Chic., **34**, 1902, (426-450, with pl. and 4 fig.).

5400 DICOTYLEDONS.

5400.35 GENERAL, INCLUDING
STRATA OF UNKNOWN AGE.

Liriodendron. Berry, E. W. New York, N.Y., Torrey Bot. Cl., **3**, 1903, (129-132, with pl.).

5400.75 CRETACEOUS.

Aralia. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Stereulia nn. spp. **Berry**, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Viburnum hollickii n. sp. **Berry**, E. W. Amer. Nat., Boston, Mass., **37**, 1903, (677-684, with pl.).

5400.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Alnus kumiana n. sp. **Palibin**, I. St. Petersburg, Verh. Russ. mineral. Ges., **40**, 1902 (1903), (453-467).

Paliurites martyi n. sp. **Langeron**, M. Autun, Bul. soc. hist. nat., **15**, 1902, (85-96, av. 2 pl.).

Quercus nn. spp. **Palibin**, I. St. Petersburg, Verh. Russ. mineral. Ges., **40**, 1902 (1903), (453-467).

6000 MONOCOTYLEDONS.

6000.75 CRETACEOUS.

Palmoxyton n. gen. *P. cheyennense* n. sp. **Wieland**, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (211-216).

Phragmites ? *cliffwoodensis* n. sp. **Berry**, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

6000.85 LOWER CAENOZOIC (EOCENE OLIGOCENE).

Poacites lepidoides n. sp. **Engelhardt**. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (163-184, mit 4 Taf.).

6500 GYMNOSPERMS.

6500.55 UPPER PALAEOZOIC.

Psugmophyllum kidstoni n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (93, with pl. XII and fig. 1).

(K-653)

6500.55 TRIASSIC.

Baiera stormbergensis n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (64, with pl. VIII and figs. 3).

Phoenicopsis elongatus (Morris). **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (67, with pl. IX and figs. 1, 9, 10).

Stachyopitis sp. c.f. *Sphenolepis rhaetica* Geitn. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (66, with pl. IX and figs. 2, 2a).

6500.70 JURASSIC.

Araucarioxylon virginianum. **Knowlton**, F. H. Washington, D.C., Dept. Int., Rep. U.S. Geol. Surv., **21**, pt. 3, 1901, (161-162).

6500.76 CRETACEOUS.

Araucarites rogersi n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (37, with pl. VI and figs. 4-7).

Bennstedtia sp. . . . (Fliche). **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (35, with pl. V and fig. 2 and Text-fig. 5).

Brachyphyllum sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (40, with pl. VI and figs. 13, 18).

Conites sp. (?) **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (41, with pl. and figs. 2, 2a).

Cycadolepis jenkinsiana, Tate. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (27, with pl. IV and figs. 3-6, with 3 text-figs.).

Dadoxylon dantzi n. sp. **Potonié**, H. Mitt. D. Schutzgeb., Berlin, **15**, 1902, (227-229, mit 1 Taf.).

Nilssonia tatei n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (27, with pl. IV and figs. 1, 2).

Pinus maitteuanensis n. sp. **Berry**, E. W. Amer. Nat., Boston, Mass., **37**, 1903, (677-684, with pl.).

Taxites sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (39, with pl. VI and figs. 15, 15).

Zamites. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (21, 25, 26, with pl. V, VI and figs. 3, 4, 8-12).

6500.95 PLEISTOCENE AND RECENT.

Thuja occidentalis-thuringiaca n. sp. **Schlechtendal**, D. von. Zs. Natw., Stuttgart, **75**, 1903, (33-42, mit 3 Taf.).

6700 VASCULAR CRYPTO-GAMS.

6700.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Cordaites. **Stopes**, M. C. N. Phytol., London, **2**, (4 and 5), 1903, (91-98, pl.).

Lagenostoma lomaxi, the seed of *Lyginodendron*. **Oliver**, F. W. and **Scott**, D. H. London, Proc. R. Soc., **71**, 1903, (477-481); Ann. Bot., Oxford, **17**, 1903, (625-629).

Lagenostoma physoides, Williamson. **Oliver**, F. W. N. Phytol., London, **2**, (1), 1903, (18, 19).

Lepidocarpon. **Scott**, D. H. N. Phytol., London, **2**, (1), 1903, (19, 20).

Lepidodendron veltheimianum. **Kidston**, R. London, Br. Ass. Geol. Phot., **2**, 1903, (939).

Lyginodendron v. *Lagenostoma lomaxi*.

Medullosa anglica. **Arber**, E. A. N. Ann. Bot., Oxford, **17**, 1903, (425-433, pl.).

Sporocarpon ornatum, Williamson. **Oliver**, F. W. N. Phytol., London, **2**, (1), 1903, (18, 19).

6700.55 UPPER PALAEOZOIC.

Bothrodendron lesliei n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (87, with pl. XI., and figs. 1, 1a, 1b, 4, 5, 6).

Cordaicarpus planus n. sp. **Kidston**, R. Edinburgh, Trans. R. Soc., **40**, 1903, (741-833, with 5 pls.).

Gangamopteris cyclopteroides, Feist. **Seward**, A. C. Cape Town, Ann. S.

Afric. Mus., **4**, 1903, (82, with pl. XIII and fig. 4).

Glossopteris. **Etheridge**, R. jun. Sydney, N.S.W., Rec. Austr. Mus., **5**, No. 1, 1903, (46-69, text fig.).

——— **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (80-81, with pl. X and fig. 3, 4).

Lyginodendron. **Oliver**, F. W. Illustr. Sci. News, London, **1**, 1903, (145, 146, figs.).

Lyginodendron oldhamium. **Lomax**, J. London, Rep. Brit. Ass., **1902**, (1903), (809, 810).

Miadesmia. **Benson**, M. London, Rep. Brit. Ass., **1902**, (1903), (808).

Neuropteris heterophylla. **Kidston**, R. London, Proc. R. Soc., **72**, 1903, (487).

Neuropteridium validum, Feist. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (83), 85 with pl. X and figs. 1, 1a, 1b.

Noeggerathiopsis hislopi, Bunb. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (96, with pl. XIII and figs. 2-4).

Palaeostachya ettingshauseni n. sp. **Kidston**, R. Edinburgh, Trans. R. Soc., **40**, 1903, (741-833, with 5 pls.).

Pinakodendron macconochiei n. sp. **Kidston**, R. Edinburgh, Trans. R. Soc., **40**, 1903, (741-833, with 5 pls.).

Rhabdocarpus curtatus n. sp. **Kidston**, R. Edinburgh, Trans. R. Soc., **40**, 1903, (741-833, with 5 pls.).

Schizoneura australis, Eth. fil. **Etheridge**, R. jun. Sydney, N.S.W., Rec. Geol. Surv. N.S. Wales, **7**, pt. 3, 1903, (234-235, tables 41, 49).

Sigillaria canobiana n. sp. **Kidston**, R. Edinburgh, Trans. R. Soc., **40**, 1903, (741-833, with 5 pls.).

Stigmara (? *Stigmariopsis*) *rimosiformis* n. sp. **Kidston**, R. Edinburgh, Trans. R. Soc., **40**, 1903, (741-833, with 5 pls.).

6700.65 TRIASSIC.

Callipteridium stormbergensis n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (58, with pl. VII and figs. 4-6a; pl. VII fig. 5).

Chiropteris cuneata, Carr. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (62, with pl. IX and fig. 4).

Chiropteris zeilleri n. sp. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (63, with text figure).

Schizoneura krasseri n. sp. (Probably identical with *S. carrerei* Zeil.). Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (48, with pl. IX and figs. 5, 6).

Stenopteris elongata, Carruthers. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (70, with pl. VII and figs. 2 and 3; pl. XI, fig. 3).

Strobilites sp. (possibly the strobilus of *Schizoneura krasseri*). Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (49).

Taeniopteris carruthersi Ten. Woods. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (59, with pl. VIII and figs. 5-6).

Thinnfeldia odontopteroides Morr. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (52, with pl. VII and figs. 1-8; pl. IX, figs. 7-8; pl. XI, fig. 2).

Thinnfeldia rhomboidalis, Ettingsh. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (57, with pl. VIII and fig. 1).

6700.75 CRETACEOUS.

Onychiopsis mantelli Brongn. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (4, with pl. V and figs. 1-4).

Cladophlebis. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (10-14, with pl. II, VI, and figs. 1, 4, 6, 16-17).

Dictyozamites. Seward, A. C. London, Q. J. Geol. Soc., 59, 1903, (2-7, pl.).

Gleichenia saundersii n. sp. Berry, E. W. Amer. Nat., Boston, Mass., 37, 1903, (677-684, with pl.).

Sphenopteris sp. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (17-19, with pl. and text fig. 1, 7, 8).

Taeniopteris sp. (cf. *T. artica*, Heer.). Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (19, with pl. II and figs. 5-5a).

(κ-653)

6700.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Polypodium redlichi n. sp. Engelhardt. Wien, Beitr. Pal. Geol. Ost-Ung., 14, 1902, (163-184, mit 4 Taf.).

7000 MOSSES.

7000.95 PLEISTOCENE AND RECENT.

Hypnum. Holzinger, J. M. Bryologist, Brooklyn, N.Y., 6, 1903, (93-94).

7400 ALGAE AND SCHIZOPHYCEAE.

7400.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

7400.55 UPPER PALAEOZOIC.

Nematophyton. Prosser, C. S. Amer. Geol., Minneapolis, Minn., 29, 1902, (372-377).

7400.75 CRETACEOUS.

Confervites dubius n. sp. Berry, E. W. Amer. Nat., Boston, Mass., 37, 1903, (677-684, with pl.).

Tetraploporella n. gen. *T. remedi* n. sp. Steinmann. Wien, Beitr. Pal. Geol. OestUng., 15, 1903, (45-54).

7400.80 CAENOZOIC.

Zoophycus. Barsanti, L. Pisa, Mem. Soc. tosc. sc. nat., 18, 1902, (68-95, con tav.).

7400.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Acetabularia. Squinabol, S. Padova, Atti Mem. Acc., (Ser. 2), 18, 1902, (151-155, con fig.).

Melosira hibschii n. sp. Reichelt, H. Leipzig, SitzBer. natf. Ges., 26-27 (1899-1900), 1901, (27-35).

7400.95 PLEISTOCENE AND RECENT.

Cyclotella pygmaea n. sp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Cymbella nn. spp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Disiphonia hungarica n. sp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Eunotia (Himantidium) nn. spp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Gomphonema balnearum n. sp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Navicula nn. spp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Navicula (Caloneis) zachariasii n. sp. **Reichelt, H.** Plön, ForschBer. biol. Stat. **10**, 1903, (194-200).

Navicula rostockiensis n. sp. **Heiden.** Rostock, Mitt. geol. Landesanst, **14**, 1902, (7-30).

Semseyia hungarica n. sp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Stauroneis tylophora n. sp. **Reichelt, H.** Plön, ForschBer. biol. Stat., **10**, 1903, (194-200).

Stephanodiscus entzii n. sp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Szechenyia n. gen. et nn. spp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

7700 FUNGI.

7700.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Urophlyctites oliverianus. **Magnus, P.** Berlin, B. D. bot. Ges., **21**, 1903, (248-250).

7900 PLANTS OF UNASCERTAINED POSITION.

7900.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Spirophyton, Hall. **Seward, A. C.** Cape Town, Ann. S. Afric. Mus., **4**, 1903, (103, with pl. XIV and figs. 1, 2).

7900.50 LOWER PALAEOZOIC.

Bythotrephes tenuis J. Hall. **Chapman, F.** Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (104-5, with pl. xvi).

7900.75 CRETACEOUS.

Carpolithus nn. spp. **Berry, E. W.** New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

LIST OF NEW GENERA AND SPECIES.

5400 DICOTYLEDONS.

ALNUS [Cupuliferae].

———— *kumiana*. Palibin, I. 1772.

ARALIA [Araliaceae].

———— *brittoniana*. Berry, E. W. 1369.

———— *matteucanensis*. Berry, E. W. 1369.

CELASTROPHYLLUM [Aceraceae].

———— *elegans*. Berry, E. W. 1369.

EUCALYPTUS [Myrtaceae].

———— ? *dubia*. Berry, E. W. 1369.

FICUS [Urticaceae].

———— *neurocarpa*. Hollick, A. 1613.

LAURUS [Laurineae].

———— *hollickii*. Berry, E. W. 1369.

MAGNOLIA [Magnoliaceae].

———— *palacopetala*. Hollick, A. 1613.

MYRICA [Myricaceae].

———— *heerii*. Berry, E. W. 1363.

NELUMBO [Nymphaeaceae].

———— *primaeva*. Berry, E. W. 1369.

PALUDITES [Rhamneae].

———— *martyi*. Langeron, M. 1672A.

POPULITES [Salicineae].

———— *tenuifolius*. Berry, E. W. 1369.

QUERCUS [Cupuliferae].

———— *euboea*. Palibin, I. 1772.

———— *hollickii*. Berry, E. W. 1369.

———— *susedana*. Palibin, I. 1772.

RHAMNUS [Rhamneae].

———— *novae-caesareae*. Berry, E. W. 1369.

SALIX [Salicineae].

———— *matteucanensis*. Berry, E. W. 1369.

STERCULIA [Sterculiaceae].

———— *cliffwoodensis*. Berry, E. W. 1369.

———— *snowii* var. *bilobata* n. var. Berry, E. W. 1369.

VIBURNUM [Caprifoliaceae].

———— *hollickii*. Berry, E. W. 1368

6000 MONOCOTYLEDONS.

Palmoxylon n. gen. [Palmaceae].
Wieland, G. R. 2028.

———— *cheyennense*. Wieland, G. R. 2028.

PIIRAGMITES [Gramineae].

———— ? *cliffwoodensis*. Berry, E. W. 1369.

POACITES [Gramineae].

———— *lepidoides*. Engelhardt, H. 1509.

6500 GYMNOSPERMS.

ARAUCARITES [Coniferales].

——— *rogersi*. Seward, A. C. 1904.

BAIERA [Ginkgoales].

——— *stormbergensis*. Seward, A. C. 1904.

DADOXYLON.

——— *dantzi*. Potonié, H. 1810.

NILSSONIA [Cycadeaceae].

——— *tatei*. Seward, A. C. 1904.

PINTS [Coniferae].

——— *matteucanensis*. Berry, E. W. 1368.

PSYGMOPHYLLUM [? Ginkgoales].

——— *kidstoni*. Seward, A. C. 1904.

THUJA [Coniferae].

——— *occidentalis-thuringiaca*. Schlechtendal, D. von. 1867.**6700 VASCULAR CRYPTOGRAMS.**

BOTHRODENDRON ? [Lycopodiales].

——— *leslii*. Seward, A. C. 1904.

CALLIPTERIDIUM [Filicales].

——— *stormbergensis*. Seward, A. C. 1904.

CHIROPTERIS [Filicales].

——— *zeilleri*. Seward, A. C. 1904.

CORDAICARPUS [Cordaiteae].

——— *planus*. Kidston, R. 1645.

GLEICHENIA [Gleicheniaceae].

——— *saundersii*. Berry, E. W. 1368.

PALAEOSTACHYA [Equisetales].

——— *ettingshauseni*. Kidston, R. 1645.

PINAKODENDRON [Lycopodiaceae].

——— *macconochiei*. Kidston, R. 1645.

POLYPODIUM [Polypodiaceae].

——— *redlichi*. Engelhardt, H. 1509.

RHABDOCARPUS [Cordaiteae].

——— *curvatus*. Kidston, R. 1645.

SCHIZONEURA [Equisetales].

——— *krasseri*. Seward, A. C. 1904.

SIGILLARIA [Lycopodiales].

——— *canobiana*. Kidston, R. 1645.

STIGMARIA [Lycopodiales].

——— *rimosiformis*. Kidston, R. 1645.**7400 ALGAE AND SCHIZOPHYCEAE.**

CONFERVITES [Confervoideae].

——— *dubius*. Berry, E. W. 1368.

CYCLOTELLA [Diatomaceae].

——— *pygmaea*. Pantocsek, J. 1778.

CYMBELLA [Diatomaceae].

——— *grata*. Pantocsek, J. 1778.——— *sliacensis*. Pantocsek, J. 1778.

DISIPHONIA [Diatomaceae].

——— *hungarica*. Pantocsek, J. 1778.

EUNOTIA [Diatomaceae].

——— *ehrenbergii*. Pantocsek, J. 1778.——— *hungarica*. Pantocsek, J. 1778.——— *rectsteinii*. Pantocsek, J. 1778.

GOMPHONEMA [Diatomaceae].

——— *balnearum*. Pantocsek, J. 1778.

MELOSIRA [Diatomaceae].

——— *hibschii*. Reichelt, H. 1831.

NAVICULA [Diatomaceae].

- *addae*. Pantocsek, J. 1778.
 ——— *csasykaae*. Pantocsek, J. 1778.
 ——— *falax*. Pantocsek, J. 1778.
 ——— *filarskyi*. Pantocsek, J. 1778.
 ——— *rostockiensis*. Heiden. 1592.
 ——— *zacharias*. Reichelt, H. 1832.

SENSEYIA [Diatomaceae].

- *hungarica*. Pantocsek, J. 1778.

STAURONEIS [Diatomaceae].

- *tylophora*. Reichelt, H. 1832.

STEPHANODISCUS [Diatomaceae].

- *entsii*. Pantocsek, J. 1778.

SIECHENIJIA n. gen. Pantocsek, J. 1778.

- *antiqua*. Pantocsek, J. 1778.
 ——— *gracilis*. Pantocsek, J. 1778.
 ——— *ornata*. Pantocsek, J. 1778.

TETRAPLOPORELLA n. gen. [Dasycladaceae].
Steinmann. 1949.

- *remeši*. Steinmann. 1949.

7900 PLANTS OF UNASCERTAINED POSITION.**CARPOLITHUS.**

- *cliffwoodensis*. Berry, E. W. 1369.
 ——— *dubius*. Berry, E. W. 1369.
 ——— *juglandiformis*. Berry, E. W. 1369.

ALPHABETICAL LIST OF NAMES OF NEW GENERA, SPECIES AND VARIETIES.

(The names of new Genera are in italics.)

acanthocolpum	<i>Paracerithium</i> ; Char- tron & Cossmann. 1431.	affinis	<i>Claosaurus</i> ?; Wieland, G. R. 2028.
acervulinoides	<i>Gümbelina</i> ; Egger, J. G. 1503.	affluens	<i>Olivella</i> ; Casey, T. L. 1427.
acridens	<i>Arretotherium</i> ; Douglass, E. 1488.	africanus	<i>Pterodon</i> ; Andrews, C. W. 1331.
acrisionae	<i>Plesiophyllia</i> ; Felix, J. 1521.	agglutinans	<i>Pavonia</i> ; Schubert, R. J. 1874.
acuminatum	<i>Laccophyllum</i> ; Simp- son, G. B. 1921.	————	<i>Planispirina</i> ; Egger, J. G. 1503.
acuta	<i>Trigonia</i> ; Kitchin, F. L. 1654.	airensis	<i>Hornera</i> ; Maplestone, C. M. 1711.
acutecochleata	<i>Nerinea</i> ; Broili, F. 1398.	————	<i>Retepora</i> ; Maplestone, C. M. 1711.
acutidens	<i>Ictops</i> ; Douglass, E. 1488.	alata	<i>Stropheodonta</i> ; Chapman, F. 1430.
acutum	<i>Tornoceras</i> ; Frech, F. 1543.	albanense	<i>Trocharion</i> ; Major, C. I. F. 1710.
addae	<i>Navicula</i> ; Pantocsek, J. 1778.	aldrichi	<i>Cardita</i> ; Casey, T. L. 1427.
adelaidensis	<i>Trochocyathus</i> ; Den- nant, J. 1474.	aldrichiella	<i>Microdrillia</i> ; Casey, T. L. 1427.
adleri	<i>Turbonilla</i> ; Arnold, R. 1342.	alexandrae	<i>Arthaberites</i> ; Diener, C. 1484.
aegiale	<i>Phyllosmilia</i> ; Felix, J. 1521.	————	<i>Shastasaurus</i> ; Merriam, J. C. 1725.
aegoceras	<i>Clymenia</i> ; Frech, F. 1543.	alpha	<i>Bathysenys</i> ; Douglass, E. 1488.
aegyptiaca	<i>Neaera</i> ; Oppenheim, P. 1764.	alta	<i>Valenciennesia</i> ; Gorjanović- Kramberger, K. [Dragu- tin]. 1559.
aerarius	<i>Aviculopecten</i> ; Bittner, A. 1378.	alternans	<i>Fusulina</i> ; Schellwien, E. 1866.
aeriphilus	<i>Pecten</i> ; Bittner, A. 1378.	altidens	<i>Gazella</i> ; Schlosser, M. 1869.
aesopiformis	<i>Unio</i> ; Whitfield, R. P. 2026.		

- altispinus Shastasaurus ; Merriam, J. C. 1725.
 altithorax Brachiosaurus ; Riggs, E. S. 1849.
 alveus Krithe ; Egger, J. G. 1504.
 amazonicus Productus ; Katzer, F. 1640.
 ambitiosa Rhynchonella ; Bittner, A. 1378.
 ameghinoi Paraboselaphus ; Schlosser, M. 1869.
 amica Pleurotoma ; Casey, T. L. 1427.
Ammofrondicularia n. gen. ; Schubert, R. J. 1874.
 amphidoxus Pecten ; Bittner, A. 1378.
 amphitrites Ceratotrochus ; Felix, J. 1521.
 ——— Latimaeandra ; Felix, J. 1522.
 amplecta Limnaea ; Gorjanović-Kramberger, K. [Dragutin]. 1559.
 anatolica Pleurotomaria ? ; Enderle, J. 1508.
 anceps Limnenetes ? ; Douglass, E. 1488.
 ancilla Pleurotoma ; Casey, T. L. 1427.
Andorina n. gen. ; Lörenthey, E. 1691.
Anguillavus n. gen. ; Hay, O. P. 1591.
 angulatus Dinarites ; Kittl, E. 1656.
 ——— Mylagaulodon ; Sinclair, W. J. 1922.
 angusta Ammofrondicularia ; Schubert, R. J. 1874.
 ——— Caryocaris ; Chapman, F. 1429.
 angusticeps Ictidosaurus ; Broom, R. 1406.
 angustilobatus Tirolites ; Kittl, E. 1656.
 angustus Coccosteus ; Traquair, R. H. 1982.
 ——— Pentremites ; Hambach, G. 1577.
 angustus Tirolites ; Kittl, E. 1656.
 anisopora Cystodictya ; Condra, G. E. 1454.
 annae Cyathophora ; Volz, W. 2012.
 annectens Strepsiceros ; Schlosser, M. 1869.
 antarctica Lagena (?) ; Weller, S. 2023.
 ——— Olcostephanus ; Weller, S. 2023.
 antiqua Podocnemis ; Andrews, C. W. 1328A.
 ——— Szechenyia ; Pantocsek, J. 1778.
Apternodus n. gen. ; Matthew, W. D. 1719.
 apusoides Ribeiria ; Schubert, R. J. & Waagen, L. 1881.
 arborescens Retepora ; Maplestone, C. M. 1711.
 arcuatus n. var. Leptograptus flaccidus ; Elles, G. L. & Wood, E. M. R. 1507.
 areyi Eotomaria ; Clarke, J. M. & Ruedemann, R. 1444.
 arkonense Platyceras ; Shimer, H. W. & Grabau, A. W. 1912.
 arkonensis n. var. Spirifer mucronatus ; Shimer, H. W. & Grabau, A. W. 1912.
 arnoldi Turbonilla ; Arnold, R. 1342.
Arretotherium n. gen. Douglass, E. 1488.
 arthaberi Naticopsis ; Enderle, J. 1508.
 ——— Valenciennesia ; Gorjanović-Kramberger, Karl [Dragutin]. 1559.
Arthaberites n. gen. Diener, C. 1484.
 ascendens Leptograptus ; Elles, G. L. & Wood, E. M. R. 1507.
 aspidoides Pinacoceras ; Diener, C. 1484.
Astraraea n. gen. Felix, J. 1521.
Astrogyra n. gen. Felix, J. 1521.

atomaria	<i>Rhynchonella</i> ; Bittner, A. 1378.	bassleri	<i>Polypora</i> ; Condra, G. E. 1454.
atratus	<i>Strephochetus</i> ; Seely, H. M. 1893.	batheri	<i>Sclerocrinus</i> ; Remeš, M. 1837.
attalicus	<i>Bellerophon</i> ; Enderle, J. 1508.	bathshebae	<i>Anguillavus</i> ; Hay, O. P. 1591.
attenuatus	<i>Eucaenus</i> ; Melander, A. L. 1722.	<i>Bathysgenys</i>	n. gen. Douglass, E. 1488.
<i>Aulopocella</i>	n. gen. Maplestone, C. M. 1712.	bavaricum	<i>Aceratherium</i> ; Stromer von Reichenbach, E. 1960.
auricoma	<i>Turbonilla</i> ; Arnold, R. 1342.	beecheri	<i>Megablattina</i> ; Sellards, E. H. 1897.
austinensis	<i>Anatina</i> ; Shattuck, G. B. 1906.	begum	<i>Rhynchonella</i> ; Bittner, A. 1378.
————	<i>Homomya</i> ; Shattuck, G. B. 1906.	bellistriata	<i>Striatopora</i> ; Greene, G. K. 1570.
australiae	n. var. <i>Beyrichia maccoyiana</i> ; Chapman, F. 1429.	benardellii	<i>Hydnophyllia</i> ; Oppenheim, P. 1762.
australis	<i>Fenestella</i> ; Chapman, F. 1430.	beneckeii	<i>Pseudomonotis</i> ; Bittner, A. 1377.
————	<i>Hypogeomis</i> . Grandidier, G. 1569.	bertrandi	<i>Tornoceras</i> ; Frech, F. 1543.
————	<i>Siphonotreta</i> ; Chapman, F. 1430.	<i>Beyrichoceras</i>	n. subgen. Foord, A. H. 1528.
austriaca	<i>Pseudomonotis</i> ; Bittner, A. 1377.	biangulatus	<i>Dinarites</i> ; Kittl, E. 1656.
avocensis	<i>Nepheliospongia</i> ; Clarke, J. M. 1438.	bibullata	<i>Placopsilina</i> ; Egger, J. G. 1503.
<i>Axoseris</i>	n. gen. Oppenheim, P. 1762.	bicarinatum	<i>Coeloma</i> ; Ravn, J. P. J. 1823.
baliensis	<i>Spiriferina</i> ; Enderle, J. 1508.	bicornis	<i>Remopleurides</i> ; Reed, F. R. C. 1829.
balnearum	<i>Gomphonema</i> ; Pantocsek, J. 1778.	bigemmis	<i>Placohelia</i> ; Felix, J. 1521.
barbata	<i>Cristellaria</i> ; Egger, J. G. 1503.	billingsi	<i>Diphyphyllum</i> ; Greene, G. K. 1570.
barberi	<i>Cyclotrypha</i> ; Condra, G. E. 1454.	bilobata	n. var. <i>Sterculia snowii</i> ; Berry, E. W. 1369.
barnetti	<i>Aclisina</i> ; Kindle, E. M. 1651.	binicostatus	<i>Mammites</i> ; Petrascheck, W. 1792.
barratti	<i>Homalonotus</i> ; Woodward, H. 2049.	binodata	<i>Fenestella</i> ; Condra, G. E. 1454.
barroisi	<i>Aphyllites</i> ; Frech, F. 1543.	biplicatula	<i>Microdrillia</i> ; Casey, T. L. 1427.
bartschi	<i>Pleurotoma</i> ; Arnold, A. 1342.	————	<i>Spirigera</i> ; Bittner, A. 1378.
basidecorus	<i>Hemiaster</i> ; Oppenheim, P. 1762.	bittneri	<i>Bittnerites</i> ; Kittl, E. 1656.
bassi	<i>Pleurotomaria</i> ; Pritchard, G. B. 1819.	————	<i>Edmondia</i> ; Enderle, J. 1503.
		————	<i>Ranina</i> ; Lörenthey. 1690.
		————	<i>Tirolites</i> ; Kittl, E. 1656.

- Bittnerites* n. subgen. Kittl, E. 1656.
- blanckenhorni* Centrastraea; Felix, J. 1522.
- *Ginglymostoma*; Stromer, E. 1958.
- *Kingena*; Daqué, E. 1468.
- *Podocnemis*; Reinach, A. von. 1833. 1834.
- blatchleyi* *Platyceras*; Kindle, E. M. 1651.
- boehmi* *Isoarca*; Remeš, M. 1837.
- bogumilorum* *Rhynchonella*; Bittner, A. 1378.
- bolgiensis* n. form. *Pseudomonotis*; Bistram, A. 1375.
- borealis* *Micropternodus*; Matthew, W. D. 1719.
- borussicus* *Ventriculites*; Ungern-Sternberg, E. 1993.
- bosniaca* *Chama*; Oppenheim, P. 1762.
- *Cladocora*?; Oppenheim, P. 1762.
- *Posidonomya*; Bittner, A. 1378.
- bosniacum* *Cerithium*; Oppenheim, P. 1762.
- *Flabellum*; Oppenheim, P. 1762.
- bosniae* *Aviculopecten*; Bittner, A. 1378.
- bottii* *Stylemys*; Stefano (De), G. 1941.
- bovinum* *Cyrtoceras*; Clarke, J. M. & Ruedemann, R. 1444.
- Brachiosaurus* n. gen. Riggs, E. S. 1849.
- brachygnathus* *Lutra*; Schlosser, M. 1869.
- brachyodon* *Palaeolagus*; Matthew, W. D. 1719.
- brainerdi* *Strephochetus*; Seely, H. M. 1893.
- brancoi* *Rhinoceros*; Schlosser, M. 1869.
- branneri* *Astarte*; Arnold, R. 1342.
- *Mangilia*; Arnold, R. 1342.
- brazzanensis* *Cycloseris*; Oppenheim, P. 1762.
- brevicostata* *Trigonia*; Kitchin, F. L. 1654.
- brevis* *Matheria*; Whiteaves, J. F. 2025.
- brittoniana* *Aralia*; Berry, E. W. 1369.
- browni* *Unio*; Whitfield, R. P. 2026.
- budaense* *Cardium*; Shattuck, G. B. 1906.
- budaensis* *Turritella*; Shattuck, G. B. 1906.
- bukowinensis* *Holocystis*; Volz, W. 2012.
- bukowskii* *Amphiclina*; Bittner, A. 1378.
- *Rhynchonella*; Bittner, A. 1378.
- *Spirigera*; Bittner, A. 1378.
- *Stolzenburgiella*; Bittner, A. 1378.
- *Terebratula*; Bittner, A. 1378.
- bulloides* *Cylindrobullina*; Chartron & Cossmann. 1431.
- caespitosa* n. form. *Nubecularia*; Steinmann, G. 1947.
- calaverensis* *Stylemys*; Sinclair, W. J. 1923.
- californica* *Caryophyllia*; Arnold, R. 1342.
- californicus* *Toretocnemus*; Merriam, J. C. 1726.
- californiensis* *Mancana*; Lucas, F. A. 1704.
- camurus* *Crassatellites*; Pritchard, G. B. 1818.
- canaliculata* *Spirigera*; Bittner, A. 1378.
- canavarii* *Meekoceras*; Airaghi, C. 1319.
- canobiana* *Sigillaria*; Kidston, R. 1645.
- Caractophyllum* n. gen. Simpson, G. B. 1921.
- carbonarius* *Bactrites*; Smith, J. P. 1930.
- carboniferum* *Syncyclonema*; Hind, W. 1601.

- cardiniiformis** Trigonina; Kitchin, F. L. 1654.
- careyi** Shastasaurus; Merriam, J. C. 1725.
- carinata** n. var. Melanopsis sikorai; Kormos, T. 1666.
- Thamnastraea; Felix, J. 1521.
- carnegii** Diplodocus; Hatcher, J. B. 1581.
- carrolli** Aviculopecten; Hind, W. 1601.
- cassensis** Capulus; Kindle, E. M. 1651.
- n. var. Rhynchonella gainesi; Kindle, E. M. 1651.
- castletoniensis** Evactinopora; Barnes, J. 1348.
- Castresia** n. gen. Stefano (De), G. 1944.
- caudata** Pontocypris; Egger, J. G. 1504.
- cavernosus** Ventriculites?; Ungern-Sternberg, E. 1993.
- caviceps** Figulus; Chartron & Cossman. 1431.
- celtitoides** Arpadites; Airaghi, C. 1319.
- ceres** Spirifer; Reed, F. R. C. 1828.
- cerritensis** Aligena; Arnold, R. 1342.
- Nassa; Arnold, R. 1342.
- n. var. Ocinebra lurida. Arnold, R. 1342.
- Trophon; Arnold, R. 1342.
- certa** Progenetta; Major, C. I. F. 1710.
- Cervatus** n. gen. Schlosser, M. 1869.
- chamberlaini** Clavilithes; Johnson, C. W. & Grabau, A. W. 1631.
- chanum** Rhynchonella; Bittner, A. 1378.
- chariensis** Trigonina; Kitchin, F. L. 1654.
- charlyanus** Ptychites; Diener, C. 1484.
- chartroni** Coelostylina; Chartron & Cossman. 1431.
- Paracerithium; Chartron & Cossman. 1431.
- Pseudomelania; Chartron & Cossman. 1431.
- Chartronia** n. gen.; Chartron & Cossman. 1431.
- cheyennense** Palmoxydon; Wieland, G. R. 2028.
- chondrophora** Trochosmia; Felix, J. 1521.
- cingulatus** Colodon; Douglass, C. 1488.
- Svilajites; Kittl, E. 1656.
- Tirolites; Kittl, E. 1656.
- circumnodosum** Gastrioceras; Foord, A. H. 1528.
- circumplicatile** Gastrioceras; Foord, A. H. 1528.
- circumvallata** Schismopora; Maplestone, C. M. 1711.
- ciscoense** Agathiceras; Smith, J. P. 1230.
- cladophora** Thamnaraea; Felix, J. 1521.
- Claraia** n. subgen. Bittner, A. 1377.
- clarinervis** Dictyoneura; Melander, A. S. 1722.
- clarki** Exogyra; Shattuck, G. B. 1906.
- Pseudocrinites; Schuchert, C. 1885.
- clavatomarginatus** Trionyx; Lörentz, I. 1693.
- cliffwoodensis** Carpolithus; Berry, E. W. 1369.
- Phragmites?; Berry, E. W. 1369.
- Sterculia; Berry, E. W. 1369.
- clinatus** Ceratotrochus; Dennant, J. 1474.
- cloetei** Titanosuchus. Broom, R. 1404.
- Cochlespirella** n. gen. Casey, T. L. 1427.
- Coelocystis** n. gen. Schuchert, C. 1885.

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|--|--|---------------|---------------------------------------|
| cognata | Actinacis ; Oppenheim, P. 1762. | cornu | Placosmilia ; Oppenheim, P. 1762. |
| ———— | Aulacothyris ; Bittner, A. 1378. | cornutula | Spirigera ; Bittner, A. 1378. |
| ———— | Chione ; Pritchard, G. B. 1818. | coronadoensis | Delphinoidea ; Arnold, R. 1342. |
| cognatus n. var. Dolatocrinus arrosus ; | Greene, G. K. 1570. | correctus | Remopleurides ; Reed, F. R. C. 1829. |
| collaris | Pleurotoma ; Casey, T. L. 1427. | costata | Heterocoenia ; Felix, J. 1521. |
| columnaris | Mesomorpha ; Oppenheim, P. 1762. | cracoviensis | Leiorhynchus ; Gürich, G. 1576. |
| commutata | Romingeria ; Beecher, C. E. 1358. | crassa | Trigonia ; Kitchin, F. L. 1654. |
| compactilis | n. var. Fenestella conradi ; Condra, G. E. 1454. | crassitesta | Chonetes ; Gürich, G. 1576. |
| complanata | Retepora ; Maplestone, C. M. 1711. | crassum | Glyphioceras ; Foord, A. H. 1528. |
| complexus | Steneofiber ; Douglass, E. 1488. | crassus | Inoceramus ; Petrascheck, W. 1793. |
| complicatus | Eucinepeltus ; Brown, B. 1411. | cresswelli | Chonetes ; Chapman, F. 1430. |
| compressa | Tritaxia ; Egger, J. G. 1503. | ———— | Plectambonites ; Chapman, F. 1430. |
| compressus | Atractites ; Airaghi, C. 1319. | cretacea | Protoseris ; Felix, J. 1521. |
| comptus | Gennaeocrinus ; Greene, G. K. 1570. | ———— | Zanthopsis ; Branner, J. C. 1397. |
| concentrico-lineatum | Pseudamusium ; Hind, W. 1601. | cribrosa | Phylactella ; Maplestone, C. M. 1711. |
| concentricum | Amusium ; Hind, W. 1601. | cromeri | Stereogenys ; Andrews, C. W. 1328a. |
| concinus n. var. Dolatocrinus corporosus ; | Greene, G. K. 1571. | crotalum | Heliophyllum ; Greene, G. K. 1570. |
| conglomeratum | Heliophyllum ; Greene, G. K. 1571. | crucifer | Zatrachys ; Case, E. C. 1426. |
| congregatum | Heliophyllum ; Greene, G. K. 1571. | crucifera | Aplosmilia ; Felix, J. 1521. |
| conicus | Archaeozonites ; Andreae, A. 1326. | crustulum | Porites ; Oppenheim, P. 1762. |
| conus | Callonema ; Kindle, E. M. 1651. | cryptophya | Paropsonema ; Clarke, J. M. 1437. |
| cooperi | Pleurotoma ; Arnold, R. 1342. | csaszkae | Navicula ; Pantocsek, J. 1778. |
| coracinum | Cerithium ; Oppenheim, P. 1762. | cuccensis | Terebratula ; Bittner, A. 1378. |
| corbuliformis | Dolatocrinus ; Greene, G. K. 1571. | cupuliformis | Eugeniocrinus ; Remeš, M. 1837. |
| | | curriei | Dolatocrinus ; Greene, G. K. 1570. |

- curta* n. var. *Eupleura muriciformis*; Arnold, R. 1342.
- *Paludestrina*; Arnold, R. 1342.
- curvatus* *Rhabdocarpus*; Kidston, R. 1645.
- curricameratum* *Cyrtorhizoceras*; Clarke, J. M. & Ruedemann, R. 1444.
- cyclamen* *Phyllocrinus*; Remes, M. 1837.
- cyclofenestrata* *Fenestella*; Condra, G. E. 1454.
- Cylindrodon* n. gen. Douglass, E. 1488.
- cylindroides* *Dimorphina*; Liebus, A. & Schubert, R. J. 1688.
- Cylindrophyllum* n. gen. Simpson, G. B. 1921.
- cymbula* *Aulacothyris*; Bittner, A. 1378.
- cypriotes* *Elephas*; Bate, D. M. A. 1351.
- dabricense* *Cardium*; Oppenheim, P. 1762.
- dabricensis* *Cyathomorpha*; Oppenheim, P. 1762.
- *Cytherea*; Oppenheim, P. 1762.
- *Trochus*; Oppenheim, P. 1762.
- d'achiardii* *Stephanosmilia*; Oppenheim, P. 1762.
- *Trochoseris*; Oppenheim, P. 1762.
- dalli* *Pleurotoma*; Arnold, R. 1342.
- dalmatina* *Barysmilia*; Oppenheim, P. 1762.
- *Lucina*; Oppenheim, P. 1762.
- *Millepora*; Oppenheim, P. 1762.
- *Pattalophyllia*; Oppenheim, P. 1762.
- Dalmatites* n. gen. Kittl, E. 1656.
- dantzi* *Dadoxylon*; Potonié, H. 1810.
- *Gervillea*; Menzel, H. 1724.
- Darányia* n. gen. Lörenthey, E. 1691.
- darwini* *Iryopishecus*; Abel, O. 1314.
- dayi* *Microcoelia*; Hay, O. P. 1591.
- decamera* *Placococenia*; Volz, W. 2012.
- decora* *Emmelezoe*; Clarke, J. M. 1442.
- decoratus* n. var. *Dolaticrinus corporosus*; Greene, G. K. 1571.
- defecta* *Palaeomunida*; Lörenthey, 1630.
- deformis* *Stephanocrinus*; Greene, G. K. 1570.
- delanoüei* *Limea*; Oppenheim, P. 1764.
- delecta* *Rhynchonella*; Bittner, A. 1378.
- delicatula* *Arca*; Casey, T. L. 1427.
- *Retepora*; Maplestone, C. M. 1711.
- delicatus* *Rhinellus*; Hay, O. P. 1591.
- delphiensis* *Goniatites*; Kindle, E. M. 1651.
- delphinus* *Cerithium*; Oppenheim, P. 1762.
- depereti* *Plesiaddax*; Schlosser, M. 1869.
- *Trochictis*; Major, C. I. F. 1710.
- depressa* *Rhynchonella*; Kindle, E. M. 1651.
- deserta* *Rhynchonella*; Bittner, A. 1378.
- devonicus* *Platycrinus*; Greene, G. K. 1570.
- dewitzianus* *Sternothaerus*; Reinach, A. von. 1833. 1834.
- dezzoanus* *Dinarites*; Tommasi, A. 1972.
- dhosaensis* *Trigonia*; Kitchin, F. L. 1654.
- Diceratosaurus* n. gen. Jaekel, O. 1623.
- didymophila* *Trochosmilia*; Felix, J. 1521.
- diegensis* *Odostomia*; Arnold, R. 1342.

- difficile *Glyphioceras*; Foord, A. H. 1528.
- digoniata *Chartronia*; Chartron & Cossmann. 1431.
- dimidiatus *Tirolites*; Kittl, E. 1656.
- Dimorphocella* n. gen. Maplestone, C. M. 1711.
- dinarica *Cyathoseris*; Oppenheim, P. 1762.
- *Mysidioptera*; Bittner, A. 1378.
- *Rhynchonolla*; Bittner, A. 1378.
- diocletiani *Dinarites*; Kittl, E. 1656.
- discoidalis *Aganides*; Smith, J. P. 1930.
- dispansa *Alveolites*; Greene, G. K. 1570.
- dispansum *Heliophyllum*; Greene, G. K. 1570.
- distans *Stenopora*; Condra, G. E. 1454.
- *Tirolites*; Kittl, E. 1656.
- distincta *Trigonia*; Kitchin, F. L. 1654.
- Ditoecholasma* n. gen. Simpson, G. B. 1921.
- diversicostata *Phyllosmilia*; Felix, J. 1521.
- dodgei *Acrognathus*. Hay, O. P. 1591.
- dorcadoides *Gazella*; Schlosser, M. 1869.
- douglassi *Unio*; Stanton, T. W. 1938.
- douvillei *Latimaeandraraea*; Felix, J. 1521.
- dresdense *Muniericeras*; Petrascheck, W. 1792.
- drummockensis *Ampyx*; Reed, F. R. C. 1829.
- dubia *Eucalyptus*? Berry, E. W. 1369.
- *Trigonia*; Kitchin, F. L. 1654.
- dubius *Carpolithus*; Berry, E. W. 1369.
- *Confervites*; Berry, E. W. 1368.
- dubius *Hyaenognathus*?; Merriam, J. C. 1727.
- dubravitzensis *Turbinoseris*; Oppenheim, P. 1762.
- Edaphophyllum* n. gen. Simpson, G. B. 1921.
- eduliformis *Mytilarca*; Clarke, J. M. & Ruedemann, R. 1444.
- ehrenbergii *Euuotia*; Pantocsek, J. 1778.
- elator *Coelostylina*; Chartron & Cossmann. 1431.
- elegans *Andorina*; Lörenthey, E. 1691.
- *Celastrophyllum*; Berry, E. W. 1369.
- elegantulus *Dolatocrinus*; Greene, G. K. 1571.
- elevatum *Umbraculum*; Aldrich, T. H. 1321.
- elkedraensis *Agnostus*; Etheridge, R. 1517.
- elongata n. var. *Aclisina barnetti*; Kindle, E. M. 1651.
- elongatula *Microdrillia*; Casey, T. S. 1427.
- elongatum *Cylindrophyllum*; Simpson, G. B. 1921.
- elongatus *Nigidius*; Chartron & Cossmann. 1431.
- emiliae *Mysidioptera*; Bittner, A. 1376.
- Enchelion* n. gen. Hay, O. P. 1591.
- Endianaulax* n. subgen. Chartron & Cossmann. 1431.
- Endiataenia* n. gen. Chartron & Cossmann. 1431.
- enniskillenense *Brancoceras*; Foord, A. H. 1528.
- Enterolasma* n. gen. Simpson, G. B. 1921.
- entzii *Stephanodiscus*; Pantocsek, J. 1778.
- eocenus *Megalohyrax*; Andrews, C. W. 1331.
- Eosinica* n. subgen. Aldrich, T. H. 1321.
- Epitornoceras* n. subgen. Frech, F. 1543.

erbreichi	Fusus ; Oppenheim, P. 1762.	falsus	Phos ; Casey, T. L. 1427.
erecta	Heterocoenia ; Felix, F. 1521.	famelica	Scobinella ; Casey, T. L. 1427.
eretes	Rhinobatus ; Hay, O. P. 1591.	farcimen	Gyroceras ; Clarke, J. M. & Ruedeman, R. 1444.
eskdalensis	Aviculopecten ; Hind, W. 1601.	farri	Unio ; Stanton, T. W. 1938.
etheridgei	Chione ; Pritchard, G. B. 1818.	fastidiosa	Metula ; Casey, T. L. 1427.
ettingshauseni	Palaeostachya ; Kidston, R. 1645.	fastigatus	Ptychites ; Diener, C. 1484.
Eubiodectes	n. gen. Hay, O. P. 1591.	favosoides	Truncatulina ; Egger, J. G. 1503.
euboea	Quercus ; Palibin, I. 1772.	ferdinandi	Leucochilus ; Andreae, A. 1326.
euglyphoides	Strophonella ; Chapman, F. 1430.	fergusi	Protesuchus ; Broom, R. 1407.
Eumorphotis	n. subgen. Bittner, A. 1377.	fergusoni	Notasaphus ; Gregory, J. W. 1572.
europhila	Placosmilia ; Felix, J. 1521.	ferox	Scymnosaurus ; Broom, R. 1406.
euteiches	Aplosmilia ; Felix, J. 1522.	filarszkyi	Navicula ; Pantocsek, J. 1778.
evanescens	Pleurotoma ; Casey, T. L. 1427.	fimbriata	Conularia ; Walther, K. 2017.
evolutior	Dinarites ; Kittl, E. 1656.	fimbriatus	Aviculopecten ; Hind, W. 1601.
excrecens	Cardita ; Pritchard, G. B. 1818.	fischeri	Carychium ; Boettger, O. 1385.
exiguus	Euomphalus ; Kindle, E. M. 1651.	fontis	Cylindrodon ; Douglass, E. 1488.
exortiva	Trigonia ; Kitchin, F. L. 1654.	formosus	Aipichthys ; Hay, O. P. 1591.
expansa	n. var. Dekayia ulrichi ; Cumings, E. R. 1467.	forojuliensis	Brissopsis ; Oppenheim, P. 1762.
expansum	Cyrtoceras ; Kindle, E. M. 1651.	————	Heliastrea ; Oppenheim, P. 1762.
exstincta	Kustarachne ; Melander, A. L. 1722.	fossilis	Anastra ; Baldwin, D. D. 1345.
extensa	Cheliphlebia ; Melander, A. L. 1722.	————	Oleacina ; Andreae, A. 1326.
facetus	Gennaeocrinus ; Greene, G. K. 1570.	Fossopora	n. gen. Etheridge, R. 1513.
fairchildi	Euomphalus ; Clarke, J. M. & Ruedemann, R. 1444.	fragilis	Metula ; Casey, T. L. 1427.
fajumensis	Podocnemis ; Andrews, C. W. 1328A.	————	n. var. Pecten latiauritus ; Arnold, R. 1342.
falax	Navicula ; Pantocsek, J. 1778.	franciscæ	Melanopsis ; Brusina, S. 1414.
fallax	Rhabdophyllia ; Oppenheim, P. 1762.	frechi	Azeka ; Andreae, A. 1326.

- fritschi* Spalax; Nehring, A. 1737.
 ——— Anthracosiro; Pocock, R. I. 1805.
fruticosa Gümbelina; Egger, J. G. 1503.
fuchsi Heterocoenia; Felix, J. 1521.
fuchsii Rhynchonella; Bittner, A. 1378.
fungiferus Dolatocrinus; Greene, G. K. 1570.
futtereri Leda; Böhm, J. 1852.
ga'ensis Radiolites; Dacqué, E. 1468.
ganti Popanoceras; Smith, J. P. 1930.
gaudryi Protetraceros; Schlosser, M. 1869.
gemmellaroi Pecten; Remeš, M. 1837.
Gemündina n. gen. Traquair, R. H. 1982.
germanica Phlyctaenaspis; Traquair, R. H. 1982.
germanus Urenchelys; Hay, O. P. 1591.
geyeri Aulacothyris; Bittner, A. 1378.
gibba Circophyllia; Oppenheim, P. 1762.
gigantea Hyaena; Schlosser, M. 1869.
gigas Paracamelus; Schlosser, M. 1869.
girvanensis Agnostus; Reed, F. R. C. 1829.
 ——— n. var. Remopleurides; Reed, F. R. C. 1829.
globularis Sphaerocystites; Schuchert, C. 1885.
Glyptotherium n. gen. Osborn, H. F. 1768.
goleana Natica; Dacqué, E. 1468.
gordoni Pseudocrinites; Schuchert, C. 1885.
gracilidens Pseudobos; Schlosser, M. 1869.
gracilis Fenestella; Condra, G. E. 1454.
 ——— Lasmogyra; Felix, J. 1521.
gracilis Spiroplecta; Egger, J. G. 1503.
 ——— Szechenyia; Pantocsek, J. 1778.
 ——— Trigonina; Kitchin, F. L. 1654.
grahami Schuchertites; Smith, J. P. 1930.
grammatospira Odostomia; Arnold, R. 1342.
grandis Leptograptus; Elles, G. L. & Wood, E. M. R. 1507.
granosa n. var. Trigonina semiundulata; Pritchard, G. B. 1818.
granulata Darányia; Lörenthey, E. 1691.
granulatus Eugeniocrinus; Remeš, M. 1837.
granuliferus Calceocrinus; Greene, G. K. 1570.
grata Cymbella; Pantocsek, J. 1778.
greeni n. var. Spirifer gregarius; Kindle, E. M. 1651.
gregalis Aulacothyris; Bittner, A. 1378.
gregarius Tragoceros; Schlosser, M. 1869.
Griphopithecus n. gen. Abel, O. 1314.
groenlandica Hoploparia; Ravn, J. P. J. 1823.
gümbeli Tellina; Dreger, J. 1496.
Gümbelina n. gen. Egger, J. G. 1503.
gürichi Aganides; Frech, F. 1543.
 ——— Planorbis; Andreae, A. 1326.
gunyoungensis Lucina; Pritchard, G. P. 1818.
gurleyi Prolecanites; Smith, J. P. 1930.
Gyralina n. subgen. Andreae, A. 1326.
habereri Rhinoceros; Schlosser, M. 1869.
Hadrachne n. gen. Melander, A. L. 1722.
haeringense Cardium; Dreger, J. 1496.

- haeringensis** Glycimeris; Dreger, J. 1496.
 ——— Lima; Dreger, J. 1496.
 ——— Nucula; Dreger, J. 1496.
 ——— Solenomya; Dreger, J. 1496.
- halavatsi** Limnaea; Gorjanović-Kramberger, K. [Dragutin]. 1559.
- halli** Glycimeris; Pritchard, G. B. 1818.
- halmopotis** Stephanocoenia; Felix, J. 1522.
- hamata** Stenoprotome; Hay, O. P. 1591.
- hammeri** Pecten; Bittner, A. 1378.
- handella** Pleurotoma; Casey, T. L. 1427.
- hanoverensis** Nucula; Kindle, E. 1651.
- Haplocanthus** n. gen. Hatcher, J. B. 1585.
- Hapsiphyllum** n. gen. Simpson, G. B. 1921.
- harlowtonensis** Campeloma; Stanton, T. W. 1938.
- harmonica** Drillia; Casey, T. L. 1427.
- hartleyi** Jaekelocystis; Schuchert, C. 1885.
- haugi** Tornoceras; Frech, F. 1543.
- hazayi** Melanopsis; Brusina, S. 1414.
- heerii** Myrica; Berry, E. W. 1368.
- hegyesina** Diplocoenia; Volz, W. 2012.
- helenae** Eucrotaphus; Douglass, E. 1488.
- Helicocrinus** n. gen. Chapman, F. 1429.
- Helicoprion** n. gen. Van de Wiele, C. 1997.
- herbichii** Aviculopecten; Bittner, A. 1378.
- hercynicus** Inoceramus; Petrascheck, W. 1793.
- hermanni** Ornitholestes; Osborn, H. F. 1767.
- herzegowinensis** Madrepora; Oppenheim, P. 1762.
- hesperia** Clemmys; Hay, O. P. 1589.
- hesperus** Stenocfiber; Douglass, E. 1488.
- heterophanus** Tirolites; Kittl, E. 1656.
- heteropora** Stenopora; Condra, G. E. 1454.
- hexacnema** Baryhelix; Felix, J. 1522.
- hibschii** Melosira; Reichett, H. 1831.
- hilarionis** Cytherea; Oppenheim, P. 1762.
- hildesiense** Rhizokorallium; Menzel, H. 1723.
- hilgardi** Pleurotoma; Casey, T. L. 1427.
- hilli** Nautilus; Shattuck, G. B. 1906.
 ——— Waagenoceras; Smith, J. P. 1930.
- hiram** Sclerorhynchus; Hay, O. P. 1591.
- hispida** Trigonina; Kitchin, F. L. 1654.
- hochstetteri** Baculites; Liebus, A. 1687.
- hoeferi** Psammobia; Oppenheim, P. 1762.
 ——— Terebratula; Oppenheim, P. 1762.
- hoernesii** Astrocoenia; Oppenheim, P. 1762.
 ——— Axoseris; Oppenheim, P. 1762.
 ——— Thracia; Oppenheim, P. 1762.
- hollickii** Iaurus; Berry, E. W. 1369.
 ——— Quercus; Berry, E. W. 1369.
 ——— Viburnum; Berry, E. W. 1368.
- Hololobus** n. subgen. Kittl, E. 1656.
- holopiformis** Eugeniocrinus; Remeš, M. 1837.
- holzapfeli** Tornoceras; Frech, F. 1543.

- Amalophyllum* n. gen. Simpson, G. B. 1921.
- boveri* Mangilia; Arnold, R. 1342.
- n. var. *Nassa versicolor*; Arnold, R. 1342.
- *Pleurotoma*; Arnold, R. 1342.
- horribilis* Hadrachne; Melander, A. L. 1722.
- *Machairodus*; Schlosser, M. 1869.
- humboldtensis* n. form *Rhinoceros*; Toulou, F. 1975, 1977.
- hungarica* Disiphonia; Pantocsek, J. 1778.
- *Eunotia*; Pantocsek, J. 1778.
- *Semseyia*; Pantocsek, J. 1778.
- Hyaenognathus* n. gen. Merriam, J. C. 1727.
- hyatti* Barroisiceras; Shattuck, G. 1906.
- *Schistoceras*; Smith, J. P. 1930.
- hybridus* Tirolites; Kittl, E. 1656.
- hyotherioides* Sus; Schlosser, M. 1869.
- Ictidosaurus* n. gen. Broom, R. 1406.
- illyrica* Lucina; Oppenheim, P. 1762.
- *Rhynchonella*; Bittner, A. 1378.
- illyricum* Cardium?; Oppenheim, P. 1762.
- imbellus* Sardinus; Hay, O. P. 1590.
- imperiale* Cerithium; Oppenheim, P. 1762.
- incarinatus* n. var. *Dolatocrinus excavatus*; Greene, G. K. 1570.
- incisus* Cribroblastus; Hambach, G. 1577.
- incurvata* Aulacothyris; Bittner, A. 1378.
- *Rhyncopora*; Neviani, A. 1741.
- *Gyroceras*; Kindle, E. M. 1651.
- indianensis* n. var. *Gypidula romingeri*; Kindle, E. M. 1651.
- indistinctus* Petromartus; Melander, A. S. 1722.
- inequalis* Aviculopecten; Hind, W. 1601.
- infelix* Bunacharus; Matthew, W. D. 1719.
- inflata* Ribeiria; Schubert, R. J. & Waagen, L. 1881.
- inflatus* Protomocyon; Hatcher, J. B. 1582.
- inflectus* Placotrochus; Dennant, J. 1474.
- infracompressus* Trochocyathus; Dennant, J. 1474.
- infraliasica* Ampullospira; Chartron & Coesmann. 1431.
- *Exelissa*; Chartron & Coesmann. 1431.
- insignis* Coccodus; Hay, O. P. 1591.
- instabilis* Asaphus; Reed, F. R. C. 1829.
- intacta* Pleurotoma; Casey, T. L. 1427.
- intermedia* Mitromorpha; Arnold, R. 1342.
- *Pseudomonotis*; Bittner, A. 1377.
- *Valenciennesia*; Gorjanović-Kramberger, K. [Dragutin]. 1559.
- intermedius* n. var. *Glycimeris halli*; Pritchard, G. B. 1818.
- *Pseudobos*; Schlosser, 1869.
- interruptus* Aviculopecten; Bittner, A. 1378.
- intracostata* Clymenia; Frech, F. 1543.
- invidiosa* Arca; Casey, T. L. 1427.
- irideum* Epitornoceras; Frech, F. 1543.
- *Tornoceras*; Frech, F. 1543.
- irregularis* Cryptocoenia; Volz, W. 2012.
- jacksoni* Romingeria; Beecher, C. 1358.
- Jaekelocystis* n. gen. Schuchert, C. 1885.

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| jeffersoni | Sciurus ; Douglass, E. 1488. | kittlii | Cerithium ; Oppenheim, P. 1762. |
| johnsoni | Drillia ; Arnold, R. 1342. | ———— | Pseudomonotis ; Bittner, A. 1377. |
| jonesi | Desmoceras ; Gregory, J. W. 1575. | ———— | Spirigera ; Bittner, A. 1378. |
| jordani | Pecten ; Arnold, R. 1342. | ———— | Terebratula ; Bittner, A. 1378. |
| juglandiformis | Carpolithus ; Berry, E. W. 1369. | knechti | n. var. Margarita optabilis ; Arnold, R. 1342. |
| jumarensis | Trigonia ; Kitchin, F. L. 1654. | kobyi | Dimorphastraea ; Felix, J. 1522. |
| kalimnae | Mytilicardia ; Pritchard, G. B. 1818. | kochi | Euclastes ?; Lörenthey, I. 1693. |
| kalitensis | Crassatella ; Oppenheim, P. 1762. | ———— | n. var. Planorbis multi-
formis . Kormos, T. 1666. |
| katzeri | Amphiclinodonta ; Bittner, A. 1378. | koeneni | Maeneceras ; Frech, F. 1543. |
| ———— | Aviculopecten ; Bittner, A. 1378. | kokeni | Tragoceros ?; Schlosser, M. 1869. |
| ———— | Cardita ; Oppenheim, P. 1762. | konjavacensis | Serpula ; Oppenheim, P. 1762. |
| ———— | Cerithium ; Oppenheim, P. 1762. | koprionicensis | Antedon ; Remeš, M. 1837. |
| ———— | Cyrtina ; Bittner, A. 1378. | kossmati | Hydnophora ; Felix, J. 1521. |
| ———— | Heliastrea ; Oppenheim, P. 1762. | krafftii | Terebratula ; Bittner, A. 1378. |
| ———— | Loparia ; Oppenheim, P. 1762. | krasseri | Schizoneura ; Seward, A. O. 1904. |
| kayseri | Eotomaria ; Clarke, J. M. & Ruedemann, R. 1444. | kumiana | Alrus ; Palibin, I. 1772. |
| keepi | Ocinebra ; Arnold, R. 1342. | Iaccophyllum | n. gen. Simpson, G. B. 1921. |
| kernerii | Tirolites ; Kittl, E. 1656. | laevigata | Bythocythere ; Egger, J. G. 1504. |
| kidstoni | Psygmyphyllum ; Seward, A. C. 1904. | laevis | Dinarites ; Tommasi, A. 1972. |
| kiliani | Prolecanites ; Frech, F. 1543. | ———— | Leiorhynchus ; Gürich, G. 1576. |
| kilmoriensis | Beyrichia ; Chapman, F. 1429. | ———— | Obliquipecten ; Hind, W. 1601, |
| kingicoloides | Crassatellites ; Pritchard, G. B. 1818. | ———— | Palaeolima ; Hind, W. 1601. |
| Kionelasma | n. gen. Simpson, G. B. 1921. | ———— | Telphusograpsus ; Lörenthey. 1690. |
| kirghisensis | Aucella ; Sokolov, D. N. 1932. | langhofferi | Valenciennesia ; Gorjanović-Kramberger, K. [Dragutin]. 1559. |
| kirki | Pentremites ; Hambach, G. 1577. | laqueata | Corbula ; Casey, T. L. 1427. |
| kiseljaki | Valenciennesia ; Gorjanović-Kramberger, Karl [Dragutin]. 1559. | lata | Craniella ; Chapman, F. 1430. |
| kittliana | Elasmocoenia ; Felix, J. 1521. | ———— | Gümbelina ; Egger, J. G. 1503. |

- latecaudatus* Lithophagus; Pritchard, G. B. 1818.
laterecristata Serpula; Oppenheim, P. 1762.
lateseptatus Prolecanites; Frech, F. 1543.
latifrons Saurichthys; Philippi, E., Jaekel, O., Volz, W. & Frech, F. 1798.
latifundia Turbonilla; Arnold, R. 1342.
latior Lingula; Chapman, F. 1430.
latiscutatus Dercetis; Woodward, A. S. 2041.
latisinuata Diploria; Felix, J. 1521.
latistellata Litharaea; Felix, J. 1521.
latona Montlivaltia; Felix, J. 1521.
latus Leptograptus; Elles, G. L. & Wood, E. M. R. 1507.
laubei Inoceramus; Liebus, A. 1687.
le-beli Cyclamina; Herrmann, A. 1597.
leia Batostomella; Condra, G. E. 1454.
lepidoides Poacites; Engelhardt. 1509.
lepidosteoides Saurichthys; Philippi, E. Jaekel, O. Volz, W. & Frech, F. 1798.
Leptocheirus n. gen. Merriam, J. C. 1726.
leptogramma Trochosmilia; Felix, J. 1521.
leptomeres Centrastraea; Felix, J. 1522.
leptophyes Comoseris; Felix, J. 1522.
leptophylla Thamnastraea; Felix, J. 1521.
Leptoplesictis n. gen.; Major, C. I. F. 1710.
leptus Hyolithes; Chapman, F. 1429.
leslii Bothrodendron?; Seward, A. C. 1904.
levispinosus Pycnosterinx; Hay, O. P. 1591.
liasina Nuculina; Bistram, A. 1375.
libyca Stereochelys; Andrews, C. W. 1328A.
lienenklausei Eucythere; Egger, J. G. 1504.
ligatura Beyrichia; Chapman, F. 1429.
lilydalensis Stropheodonta; Chapman, F. 1430.
limnaeoidea Valenciennesia; Gorjanovič-Kramberger, K. [Dragutin]. 1559.
Limnenetes n. gen. Douglass, E. 1488.
linae Nautilus; Airaghi, C. 1319.
lineare Platyceras; Kindle, E. M. 1651.
lineopunctata Cythere; Egger, J. G. 1504.
lipoldi Pseudomonotis; Bittner, A. 1377.
litchfieldensis Rhynchonella (?); Schuchert, C. 1883.
lithodes Thamnaraea; Felix, J. 1521.
lithothamniodes Aulopsammia; Felix, J. 1521.
lobata n. var. Dekayia ulrichi; Cumings, E. R. 1467.
loczyi Erisocrinus; Katzer, F. 1640.
 ————— Pleurotomaria; Schellwien, E. 1866.
loeffelholzii Aulacothyris; Bittner, A. 1378.
loeschmanni Tornoceras; Frech, F. 1543.
longibrachiatus Botryocrinus; Chapman, F. 1429.
longispina Nodosarca; Egger, J. G. 1503.
loomisi Proterix; Matthew, W. D. 1720.
loparense Cerithium; Oppenheim, P. 1762.
Loparia n. gen. Oppenheim, P. 1762.
lophiophora Latimaeandraraea; Felix, J. 1521.
lophodes Cystodictya; Condra, G. E. 1454.
Lopholasma n. gen. Simpson, G. B. 1921.

- lorioli** Antedon; Remeš, M. 1837.
louisvillensis Eridophyllum; Greene, G. K. 1570.
lowei Turbonilla; Arnold, R. 1342.
loxocolpum Paracerithium; Chartron & Cossman. 1431.
lucasi Brachanchenius; Lucas, F. A. 1703.
lukovicense Cerithium; Oppenheim, P. 1762.
lutosa n. var. Trigonina semiundulata; Pritchard, G. B. 1818.
lydekkeri Mastodon; Schlosser, M. 1869.
macer n. var. Leptograptus flaccidus; Elles, G. L. & Wood, E. M. R. 1507.
macilentus n. var. Leptograptus flaccidus; Elles, G. L. & Wood, E. M. R. 1507.
 ——— Phos. Casey, T. L. 1427.
macconochiei Pinakodendron; Kidston, R. 1645.
maccoyi Rhinopterocaris; Chapman, F. 1429.
 ——— Siphonotreta; Chapman, F. 1429.
maccus Cerithium; Oppenheim, P. 1762.
macer Scobinella; Casey, T. L. 1427.
mackayi Lycosuchus; Broom, R. 1406.
madelungi Proneusticosaurus; Volz, W. 2011.
magnifica Retzia; Bittner, A. 1378.
magnificus Globoblastus; Hambach, G. 1577.
magniventrus n. var. Megistocrinus expansus; Greene, G. K. 1570.
majevitzae Melania; Oppenheim, P. 1762.
major Placocoenia; Felix, J. 1521.
 ——— Solenopsis; Hind, W. 1603.
 ——— Stephanocoenia; Felix, J. 1522.
majori Diphoides; Schlosser, M. 1869.
malici Bittnerites; Kittl, E. 1656.
 ——— Tirolites; Kittl, E. 1656.
mamillata Trigonina; Kitchin, F. L. 1654.
mammillata Coelostylina; Chartron & Cossmann. 1431.
Mancana n. gen. Lucas, F. A. 1704.
manganophila Rhynchonella; Bittner, A. 1378.
mannhardi n. form. Ovis; Toula, F. 1976.
maplestonei Trochocyathus; Denant, J. 1474.
margaritifera Fenestella; Chapman, F. 1430.
marginatus Cyrtocrinus; Remeš, M.
marianii Atractites; Airaghi, C. 1319.
 ——— Pleuromutilus; Airaghi, C. 1319.
 ——— Ptychites; Airaghi, C. 1319.
marshi Baptanodon; Knight, W. C. 1659.
martensi Adelopoma; Andreae, A. 1326.
martyi Paliurites; Langeron, M. 1672A.
mattewanensis Aralia; Berry, E. W. 1369.
 ——— Pinus; Berry, E. W. 1368.
 ——— Salix; Berry, E. W. 1369.
mattiaca Hyalinia; Boettger, O. 1385.
matutina Spirigera; Bittner, A. 1378.
maudensis Crassatellites; Pritchard, G. B. 1818.
maxima Dieconeura; Melander, A. L. 1722.
maximum Coccophyllum; Volz, W. 2012.
maximus Agriochoerus; Douglass, E. 1488.
 ——— Dercetis; Woodward, A. S. 2041.
mazonus Eucænus; Melander, A. L. 1722.

- metastoma* *Apternodus*; Matthew, W. D. 1719.
- Megablattina* n. gen. Sellards, E. H. 1897.
- megarhyncha* *Spiriferina*; Bittner, A. 1378.
- melbourneensis* *Chonetes*; Chapman, F. 1430.
- melissensis* *Spirifer*; Enderle, J. 1508.
- Meniscophyllum* n. gen. Simpson, G. B. 1921.
- mentzeliae* *Pecten*; Bittner, A. 1378.
- meridionalis* *Spiriferina*; Bittner, A. 1378.
- merriami* *Drillia*; Arnold, R. 1342.
- mesaliaeformis* *Coelostylina*; Chartron & Cossmann. 1431.
- micastraea* *Phillipsastraea*; Penecke, K. A. 1787.
- microdon* *Sus*; Schlosser, M. 1869.
- Microdrillia* n. gen. Casey, T. L. 1427.
- microglossa* *Spiriferina*; Bittner, A. 1378.
- microphyes* *Pachygyra*; Felix, J. 1521.
- *Trochocyathus*; Felix, J. 1521.
- micropora* *Craticularia*; Ungern-Sternberg, E. 1993.
- Micropternodus* n. gen. Matthew, W. D. 1719.
- miliacea* *Pseudomelania*; Chartron & Cossmann. 1431.
- Milleporidium* n. gen. Steinmann, G. 1948.
- minima* *Chama*; Remeš, M. 1837.
- *Columbella*; Arnold, R. 1342.
- *Gaudryina*; Egger, J. G. 1503.
- minimus* *Agriochoerus*; Douglass, E. 1488.
- minor* *Eumys*; Douglass, E. 1488.
- *Romingeria*; Beecher, C. E. 1358.
- *Trachelomonas*; Palmer, T. 1773.
- minuta* *Dimorphina*; Egger, J. G. 1503.
- minutissima* *Microdrillia*; Casey, T. L. 1427.
- minutum* *Meniscophyllum*; Simpson, G. B. 1921.
- minutus* *Hyaenodon*; Douglass, E. 1488.
- miocaenica* *Hyalinia*; Andreae, A. 1326.
- mira* *Aulacothyris*; Bittner, A. 1378.
- mirum* *Heliophyllum*; Greene, G. K. 1570.
- mittereri* *Lima*; Dreger, J. 1496.
- mojsisovicsi* *Gymnites*; Diener, C. 1484.
- molengraaffi* *Trigonia*; Newton, R. B. 1746.
- mollense* *Cyphosoma*; Paulcke, W. 1781.
- molyneuxi* *Acrolepis*; Woodward, A. Smith. 2046.
- monoptychus* *Hololobus*; Kittl, E. 1656.
- *Tirolites*; Kittl, E. 1656.
- montanaensis* *Viviparus*; Stanton, T. W. 1938.
- montanus* *Hyaenodon*; Douglass, E. 1488.
- *Stibarus*; Matthew, W. D. 1719.
- montium* *Enchelion*; Hay, O. P. 1591.
- montuosa* *Thamnastraea*; Felix, J. 1521.
- mooraboolensis* *Mytilus*; Pritchard, G. B. 1818.
- moorei* *Paracerithium*; Chartron & Cossmann. 1431.
- moravica* *Vulsella*; Remeš, M. 1837.
- moravicus* *Pecten*; Remeš, M. 1837.
- morlaccus* *Dalmatites*; Kittl, E. 1656.
- mostarensis* *Astraeopora*; Oppenheim, P. 1762.
- mülleri* *Pecten*; Menzel, H. 1724.

- multibrachiatas** Dolatocrinus ; Greene, G. K. 1570.
- multicostatus** Dinarites ; Kittl, E. 1656.
- multiformis** Ceriopora ; Dacqué, E. 1468.
- multinodosus** Dolatocrinus ; Greene, G. K. 1571.
- multiseptata** Lonsdaleia ; Enderle, J. 1508.
- multispinatus** Tirolites ; Kittl, E. 1656.
- munieri** Castresia ; Stefano (De), G. 1944.
- muschketowi** Corbula ; Böhm, J. 1852.
- Mytagaulodon** n. gen. Sinclair, W. J. 1922.
- mysius** Productus ; Enderle, J. 1508.
- nebrascensis** n. var. Fistulipora carbonaria ; Condra, G. E. 1454.
- Paramylodon ; Brown, B. 1412.
- Proamphicyon ; Hatcher, J. B. 1582.
- neocomiensis** Acanthocoenia ; Volz, W. 2012.
- Neohipparion** n. gen. Gidley, J. W. 1554.
- Nepheliospongia** n. gen. Clarke, J. M. 1438.
- nepionica** Pleurotoma ; Casey, T. L. 1427.
- nepos** Trigonina ; Paulcke, W. 1781.
- nestor** n. subsp. Lyria ; Casey, T. L. 1427.
- neurocarpa** Ficus ; Hollick, A. 1613.
- newsomi** Goniatices ; Smith, J. P. 1930.
- Paralegoceras ; Smith, J. P. 1930.
- Pecten ; Arnold, R. 1342.
- nissa** Rhynchonella ; Bittner, A. 1378.
- nitida** Camarotoechia ; Kindle, E. M. 1651.
- Trigonina ; Kitchen, F. L. 1654.
- nitidula** Rhynchonella ; Bittner, A. 1378.
- nodosa** n. var. Margarita optabilis ; Arnold, R. 1342.
- noduliferus** Dolatocrinus ; Greene, G. K. 1570.
- Noasaphus** n. gen. Gregory, J. W. 1572.
- novae-caesareae** Rhamnus ; Berry, E. W. 1369.
- noveboracum** Monomerella ; Clarke, J. M. & Ruedemann, R. 1444.
- obesula** Aulacothyris ; Bittner, A. 1378.
- obesum** Glyphioceras ; Foord, A. H. 1528.
- Obliquipecten** n. gen. Hind, W. 1601.
- obliquiradiata** Palaeolima ; Hind, W. 1601.
- oblivia** Pleurotoma ; Casey, T. L. 1427.
- obtusus** Pentremites ; Hambach, G. 1577.
- occidentale** Glyphioceras ; Foord, A. H. 1528.
- occidentalis-thuringiaca** Thuja ; Schlechtendal, D. von. 1867.
- ocellatus** Strephochetus ; Seely, H. M. 1893.
- octopartita** Goniaraea ; Oppenheim, P. 1762.
- oculinaeformis** Heterocoenia ; Felix, J. 1521.
- Odontophyllum** n. gen. Simpson, G. B. 1921.
- ogilviae** Oculina ; Felix, J. 1521.
- oldroydi** Columbella ; Arnold, R. 1342.
- Mangilia ; Arnold, R. 1342.
- opaculum** Dentalium ; Casey, T. L. 1427.
- Opetiosaurus** n. gen. Kornhuber, A. 1667-1668.
- oppeli** Caryophyllia ; Remeš, M. 1837.
- oppelti** Megistocrinus ; Greene, G. K. 1570.
- oppoliensis** Coryna ; Andreae, A. 1326.

- orientalis* Cytherea ; Oppenheim, P. 1762.
ornata Haplohelix ; Felix, J. 1521.
 ——— Szechenyia ; Pantocsek, J. 1778.
ornatus Globoblastus ; Hambach, G. 1577.
 ——— Osmeroides ; Hay, O. P. 1591.
 ——— Prodromites ; Smith, J. P. 1930.
Ornitholestes n. gen. Osborn, H. F. 1767.
orthophragma Nodosaria ; Egger, J. G. 1503.
ortmanni Goniochasis ? ; Stanton, T. W. 1938.
ortui Estheria ; Clarke, J. M. 1442.
osmiana Spiriferina ; Bittner, A. 1378.
osmanti Shastasaurus ; Merriam, J. C. 1725.
otwayensis Pleuropodia ; Dennant, J. 1474.
 ——— Schismopora ; Maplestone, C. M. 1711.
pachyodon Hyaenognathus ; Merriam, J. C. 1727.
painei Mangilia ; Arnold, R. 1342.
Palaeocolima n. gen. Hind, W. 1601.
Palaeomunida n. gen. Lörenthey. 1690.
palaeopetala Magnolia ; Hollick, A. 1613.
palaeosinensis Gazella ; Schlosser, M. 1869.
Palaeosphaeroma n. gen. Remeš, M. 1837.
Paliguana n. gen. Broom, R. 1408.
palkowae Spirifer ; Gürich, G. 1576.
palnatus Thamniscus ; Condra, G. E. 1454.
palyn n. gen. Wieland, G. R. 2028.
paloides Coelostylina ; Chartron & Cossmann. 1431.
Paraboselaphus n. gen. Schlosser, M. 1869.
Paracamelus n. gen. Schlosser, M. 1869.
Paracerithium n. gen. Chartron & Cossmann. 1431.
paradoxa Aucella ; Sokolov, D. N. 1932.
Paralytoceras n. subgen. Frech, F. 1543.
Paramylodon n. gen. Brown, B. 1412.
pardalina Lucina ; Oppenheim, P. 1762.
paronai Ceratites ; Airaghi, C. 1319.
 ——— Pleuromutilus ; Airaghi, C. 1319.
Paropeonema n. gen. Clarke, J. 1437.
parva Trigonina ; Kitchin, F. L. 1654.
parvipora Fenestella ; Condra, G. E. 1454.
parvistella Styliina ; Volz, W. 2012.
parvus Cidaroblastus ; Hambach, G. 1577.
pastrovicchiana Rhynchonella ; Bittner, A. 1378.
patazena Rhynchonella ; Bittner, A. 1378.
paterculus Cynodictis ; Matthew, W. D. 1719.
patronus Protophragmoceras ; Clarke, J. M. & Ruedemann, R. 1444.
paucicostatus n. var. Glycimeris halli ; Pritchard, G. B. 1818.
paucispinatus Tirolites ; Kittl, E. 1656.
pavlovi Aucella ; Sokolov, D. N. 1932.
pectinata Cardiola ; Walther, K. 2017.
pedroana n. var. Callista sub-diaphana ; Arnold, R.
 ——— n. var. Mangilia interfossa ; Arnold, R. 1342.
 ——— n. var. Margarita parcipecta ; Arnold, R. 1342.
 ——— Pleurotoma ; Arnold, R. 1342.
 ——— Trophon ; Arnold, R. 1342.

- pedroana** n. var. *Turbonilla lowei*; Arnold, R. 1342.
- pedroensis** *Caryophyllia*; Arnold, R. 1342.
- *Paracyathus*; Arnold, R. 1342.
- pellucida** *Hyperammina*; Schubert, R. J. 1874.
- penecke** *Melanatria*; Oppenheim, P. 1762.
- pentalopha** *Turbonilla*; Arnold, R. 1342.
- peracuta** *Cylindrobullina*; Chartron & Cossman. 1431.
- percorrugata** *Unio*; Whitfield, R. P. 2026.
- percostatus** *Tirolites*; Kittl, E. 1656.
- perdewi** *Pseudocrinites*; Schuchert, C. 1885.
- peregrinus** *Arietites*; Fucini, A. 1547.
- perelegans** *Actinacis*; Oppenheim, P. 1752.
- pergamena** *Murchisonia*; Enderle, J. 1508.
- pernodosus** *Dolatocrinus*; Greene, G. K. 1570.
- perpusilla** *Rhynchonella*; Bittner, A. 1378.
- perrini** *Shastasaurus*; Merriam, J. C. 1725.
- pertenuis** *Sagenodus*; Eastman, C. R. 1499.
- peruana** n. var. *Trigonia crenulata*; Paulcke, W. 1781.
- pervulgatus** *Pecten*; Bittner, A. 1378.
- petiolus** *Haplophragmium*; Egger, J. G. 1503.
- Petromartus** n. gen. *Melander*, A. L. 1722.
- pileum** n. var. *Platyceras dumosum*. Kindle, E. M. 1651.
- pilsbryi** *Tellina*; Casey, T. L. 1427.
- pinnatus** *Thamniscus*; Condra, G. E. 1454.
- piracanensis** *Spirifer*; Katzer, F. 1640.
- Placophyllum** n. gen. *Simpson*, G. B. 1921.
- plaga** *Cerithium*; Oppenheim, P. 1762.
- planicallosum** *Endianaulax*; Chartron & Cossman. 1431.
- planicostatus** *Trochocyathus*; Dennant, J. 1474.
- planilabium** *Ataphrus*; Chartron & Cossmann. 1431.
- planoconvexa** *Waldheimia*; Bittner, A. 1378.
- planus** *Cardiacarpus*; Kidston, R. 1645.
- platyceps** *Limnenetes*; Douglass, E. 1488.
- plesictoides** *Genetta*; Bate, D. M. A. 1352.
- Pleuropodia** n. gen. *Dennant*, J. 1474.
- plioaenica** *Pelomedusa*; Reinach, A. von. 1833.
- plioaenicus** *Trionyx*; Reinach, A. von. 1833, 1834.
- plocophorum** *Procerithium*; Chartron & Cossman. 1431.
- plumosus** *Helicocrinus*; Chapman, F. 1429.
- pluriplicata** *Scobinella*; Casey, T. L. 1427.
- plutonica** *Pleurotoma*; Casey, T. L. 1427.
- podocnemoides** *Stereogenys*; Reinach, A. von. 1833, 1834.
- poechi** *Orthotichia*; Katzer, F. 1640.
- polygonum** *Dentalium*; Casey, T. L. 1427.
- polyporoides** *Fenestella*; Condra, G. E. 1454.
- polyspinosa** *Stenopora*?; Condra, G. E. 1454.
- polystyla** *Centrastraea*; Felix, J. 1522.
- ponti** *Ctenostreon*; Broili, F. 1398.
- pontificale** *Cerithium*; Oppenheim, P. 1762.
- pontivagus** *Osmeroides*; Hay, O. P. 1591.
- Porthocyon** n. gen. *Merriam*, J. C. 1727.
- postbiplicata** *Unio*; Whitfield, R. P. 2026.

- potamidulum* Procerithium; Chartron & Cossman. 1431.
praebidentatum Cerithium; Oppenheim, P. 1762.
praecedens Ceratiocaris; Clarke, J. M. 1442.
 ——— n. var. *Favosites helderbergiae*; Schuchert, C. 1883.
praecox Terebratula; Bittner, A. 1378.
praecursor Aganides; Frech, F. 1543.
 ——— *Beloceras*; Frech, F. 1543.
 ——— n. var. *Columbella solidula*; Arnold, R. 1342.
 ——— n. var. *Leda minuta*; Arnold, R. 1342.
 ——— *Strepsiceros*; Schlosser, M. 1869.
 ——— n. var. *Trophon stuarti*; Arnold, R. 1342.
praelonga Krithe; Egger, J. G. 1504.
praemucronata Flabellinella; Liebus, A. & Schubert, R. J. 1688.
praevaliana Aulacothyris; Bittner, A. 1378.
praeziczac Aturia; Oppenheim, P. 1764.
pratzi Haplaraea; Felix, J. 1521.
preveri Atractites; Airaghi, C. 1319.
primaeva Nelumbo; Berry, E. W. 1369.
prionoides Stacheites; Kittl, E. 1656.
prior Ceratites; Kittl, E. 1656.
 ——— *Hydnophyllia*; Oppenheim, P. 1762.
 ——— *Porocidaris*; Oppenheim, P. 1762.
 ——— *Venus*; Oppenheim, P. 1762.
priscus Haplocanthus; Hatcher, J. B. 1585.
Prismatophyllum n. gen. Simpson, G. B. 1921.
Proamphicyon n. gen. Hatcher, J. B. 1582.
proavus Joannites; Diener, C. 1484.
Procerithium n. gen. Chartron & Cossman. 1431.
proclivis Rhynchonella; Bittner, A. 1378.
procrystallina Hyalinia; Andreae, A. 1326.
profectus Leptotragulus; Matthew, W. D. 1719.
progaleata Pelomedusa; Reinach, A. von. 1833.
progonos Trigonina; Paulcke, W. 1781.
progressus Dinarites; Kittl, E. 1656.
prominensis Lucina; Oppenheim, P. 1762.
 ——— *Thracia*; Oppenheim, P. 1762.
 ——— *Turritella*; Oppenheim, P. 1762.
Proneusticosaurus n. gen. Volz, W. 2011.
propinqua Trigonina; Kitchen, F. L. 1654.
prora Trigonina; Kitchen, F. L. 1654.
Prosciurus n. sub-gen. Matthew, W. D. 1719.
prosseri Meekopora; Condra, G. E. 1454.
Protemnocyon n. gen. Hatcher, J. B. 1582.
Proterix n. gen. Matthew, W. D. 1720.
Protetraceros n. gen. Schlosser, M. 1869.
Protodictyon n. gen. Melander, A. L. 1722.
prunus Strephochetus; Seely, H. M. 1893.
psecadiophora Trochosmilia; Felix, J. 1521.
Pseudarietites n. gen. Frech, F. 1543.
Pseudobos n. gen. Schlosser, M. 1869.
pseudosphäricum Sporadoceras; Frech, F. 1543.
pseudospirulaea Serpula; Oppenheim, P. 1762.

- Peilogyra* n. gen. Felix, J. 1521.
- neblensis* Placotrochus; Dennant, J. 1474.
- pulchellum* Glyphioceras; Foord, A. H. 1528.
- pulchra montereyi* Semele; Arnold, R. 1342.
- pulchra* Trigonina; Kitchin, F. L. 1654.
- pulchripenne* Protodictyon; Melander, A. L. 1722.
- pygmaea* Cyathophora; Volz, W. 2012.
- Cyclotella; Pantocsek, J. 1778.
- pygmaeum* Chonophyllum; Greene, G. K. 1570.
- pyriformis* Dimorphocella; Maples-stone, C. M. 1711.
- Sclerocrinus; Remeš, M. 1837.
- quadrangularis* Cyrena; Oppenheim, P. 1762.
- Lima; Remeš, M. 1837.
- quadripinnis* Anguillavus; Hay, O. P. 1591.
- quinquegranosum* Procerithium; Chartron & Cossmann. 1431.
- quinquepartitus* Stephanocrinus; Greene, G. K. 1570.
- radiatus* Halysites; Whitfield, R. P. 2027.
- radiolata* Krithe; Egger, J. G. 1504.
- Ramphodus* n. gen. Jaekel, O. 1622.
- raristella* Leptoseris?; Oppenheim, P. 1762.
- reclinata* Aulacothyris; Bittner, A. 1378.
- redesdalense* Pseudamusium; Hind, W. 1601.
- redlichi* Polypodium; Engelhardt, H. 1509.
- Spondylus. Oppenheim, P. 1762.
- recurva* Trigonina; Kitchin, F. L. 1654.
- redunca* Aulacothyris; Bittner, A. 1378.
- regulare* Rhizopoterion; Ungern-Sternberg, E. 1993.
- reissi* Exogyra; Paulcke, W. 1781.
- remeši* Actinacis; Felix, J. 1518.
- Milleporidium; Steinmann, G. 1948.
- Tetraploporella; Steinmann, 1949.
- remota* Polypora; Condra, G. E. 1454.
- Trigonina; Kitchin, F. L. 1654.
- renaudi* Drillia; Arnold, R. 1342.
- repentina* Rhynchonella; Bittner, A. 1378.
- reptans* Aulopsammia; Felix, J. 1521.
- repulsus* Tirolites; Kittl, E. 1656.
- retrorsa* Trigonina; Kitchin, F. L. 1654.
- retusoides* Unio; Whitfield, R. P. 2026.
- reversipora* Polypora; Condra, G. E. 1454.
- rhenana* Brooksella; Kinkelin, F. 1653.
- Rhinopterocaris* n. gen. Chapman, F. 1429.
- rhomboidea* Cytherea; Oppenheim, P. 1762.
- rhomboideus* Cyclolites; Oppenheim, P. 1762.
- Ribeirella* n. gen. Schubert, R. J. & Waagen, L. 1881.
- richardsoni* Dionide; Reed, F. R. C. 1829.
- rimosiformis* Stignaria; Kidston, R. 1645.
- roashensis* Phyllocoenia; Dacqué, E. 1468.
- robusta* Chonetes; Chapman, F. 1430.
- Spiroplecta; Egger, J. G. 1503.
- robustula* Microdrillia; Casey, T. L. 1427.

- robustum** Oreodon; Douglass, E. 1488.
robustus Tirolites; Kittl, E. 1651.
roemeri Hyalinia; Andreae, A. 1326.
 ——— Pholadomya; Shattuck, G. B. 1906.
rogersi Araucarites; Seward, A. C. 1904.
roosevelti Pseudoniscus; Clarke, J. M. 1442.
rostockiensis Navicula; Heiden. 1592.
rostratula Microdrillia; Casey, T. L. 1427.
rotiformis Tirolites; Kittl, E. 1656.
rotula Calcarina; Egger, J. G. 1503.
rotundata Plicatula; Remeš, M. 1837.
rugosa Limnaea; Gorjanovič-Kramberger, Karl [Dragutin]. 1559.
rusticus Pentremites; Hambach, G. 1577.
rutimeyeri Cervavus; Schlosser, M. 1869.
saevus Enchodus; Hay, O. P. 1590.
salomonis Sclerorhynchus; Hay, O. P. 1591.
sanctae-monicae Bela; Arnold, R. 1342.
sardus Lophiodon; Bosco, C. 1390.
saundersii Gleichenia; Berry, E. W. 1368.
sauridens Poterioceras; Clarke, J. M. & Ruedemann, R. 1444.
saxea Clemmys; Hay, O. P. 1589.
saxonicus Inoceramus; Petrascheck, W. 1793.
scannata Poleumita; Clarke, J. M. & Ruedemann, R. 1444.
Scenophyllum n. gen. Simpson, G. B. 1921.
schafarziki Valenciennesia; Gorjanovič-Kramberger, K. [Dragutin]. 1559.
schafferi Phillipsastraea; Penecke, K. A. 1787.
schafhaentli Natica; Oppenheim, P. 1762.
schlosseri Aviculopecten; Bittner, A. 1378.
 ——— Oculina; Felix, J. 1521.
Schoenophyllum n. gen. Simpson, G. B. 1921.
schucherti Cribroblastus; Hambach, G. 1577.
Schuchertites n. gen. Smith, J. P. 1930.
sclateri Scylacosaurus; Broom, R. 1406.
scopularis Conus; Casey, T. L. 1427.
 ——— Lucina; Casey, T. L. 1427.
scotica Schumardia; Reed, F. R. C. 1829.
scotica Limatula; Hind, W. 1601.
sculpturata Lima; Remeš, M. 1837.
sculptus Gennaeocrinus; Greene, G. K. 1570.
Scylacosaurus n. gen. Broom, R. 1406.
Scymnosaurus n. gen. Broom, R. 1406.
scythica Aucella; Sokolov, D. N. 1932.
seeleyi Deuterosaurus?; Nopcsa, F. jun. 1749.
selwyni Orbiculoidea; Chapman, F. 1430.
semibaculi Bifarina; Liebus, A. & Schubert, R. J. 1688.
semiplana Aulacothyris; Bittner, A. 1378.
semiplanus Trochoseris; Oppenheim, P. 1762.
senckenbergianus Trionyx; Reinach, A. von. 1833. 1834.
senilis Amastra; Baldwin, D. D. 1345.
senonensis Arthraster; Valette, D. A. 1996.
 ——— Pentaceros; Valette, D. A. 1996.
sentus Sclerorhynchus; Hay, O. P. 1591.
sequax Protosphyraena; Hay, O. P. 1590.
serpentinus Leptotrachelus; Hay, O. P. 1591.

- serratelobatus** Tirolites; Kittl, E. 1656.
- serratus** Pentremites; Hambach, G. 1577.
- serrulata** Loxoconcha; Egger, J. G. 1504.
- shelbiensis** Bellerophon; Clarke, J. M. & Rudemann, R. 1444.
- shumardi** Lima; Shattuck, G. B. 1906.
- Shumardites** n. gen. Smith, J. P. 1930.
- siebenthali** Pronorites; Smith, J. P. 1930.
- signata** Cythere; Egger, J. G. 1504.
- signifer** Ctenothrissa; Hay, O. P. 1591.
- significans** Microdiscus; Etheridge, R. 1517.
- sikorai** Melanopsis; Brusina, S. 1414.
- silberlingi** Goniobasis?; Stanton, T. W. 1938.
- silesiacus** Proneusticosaurus; Volz, W. 2011.
- Pseudarietites; Frech, F. 1543.
- silex** Haplophragmium; Egger, J. G. 1503.
- simondsi** Shumardites; Smith, J. P. 1930.
- simulatrix** Aulacothyris; Bittner, A. 1378.
- sinensis** Alcicephalus; Schlosser, M. 1869.
- Palaeoreas?; Schlosser, M. 1869.
- Vulpes; Schlosser, M. 1869.
- sinuosa** Stenogyra; Felix, J. 1521.
- sliacsensis** Cymbella; Pantocsek, J. 1778.
- smithi** Pleurotoma; Arnold, R. 1342.
- Terebratalia; Arnold, R. 1342.
- Solenomorpha** n. gen.; Cockerell, T. D. A. 1449.
- Solenopora** n. gen. Maplestone, C. M. 1711.
- solidula** Microdrillia; Casey, T. L. 1427.
- solitaria** Spiriferina; Bittner, A. 1378.
- soror** Aulacothyris; Bittner, A. 1378.
- sparsa** Aulacothyris; Bittner, A. 1378.
- spathatus** Globoblastus; Hambach, G. 1577.
- speciosus** Cervavus; Schlosser, M. 1869.
- spectabilis** Tragoceros; Schlosser, M. 1869.
- sphaericus** Bellerophon; Walther, K. 2017.
- Sphenoceras** n. subgen. Foord, A. H. 1528.
- spiculifera** Trachelomonas; Palmer, T. 1773.
- spirea** Cythere; Egger, J. G. 1504.
- spinifer** n. var. Leptograptus flaccidus; Elles, G. L. & Wood, E. M. R. 1507.
- spiniferus** n. var. Gennaeocrinus comptus; Greene, G. K. 1570.
- spinosa** n. var. Platyceras rictum. Kindle, E. M. 1651.
- Pseudocythere; Egger, J. G. 1504.
- Trachelomonas; Palmer, T. 1773.
- spinosior** Tirolites; Kittl, E. 1656.
- spinuliferus** n. var. Megistocrinus rugosus; Greene, G. K. 1570.
- spinulosa** Fenestella; Condra, G. E. 1454.
- spinulosum** Haplophragmium; Egger, J. G. 1503.
- spissicostata** Trigonina; Kitchin, F. L. 1654.
- splendens** Thurammina; Egger, J. G. 1503.
- spongilla** Astrocoenia; Oppenheim, P. 1762.

- springeri Dolatocrinus ; Greene, G. K. 1570.
 spryi Lingula ; Chapman, F. 1430.
 stachei Frondicularia ; Liebus, A. & Schubert, R. J. 1688.
 ——— Heterocoenia ; Felix, J. 1521.
 ——— Murchisonia ; Enderle, J. 1508.
 ——— Pseudomonotis ; Bittner, A. 1377.
 ——— Tirolites ; Kittl, E. 1656.
Stacheites n. gen. Kittl, E. 1656.
 stampai Proarcestes ; Airaghi, C. 1319.
 stanbi Melanopsis ; Brusina, S. 1414.
 stantoni Pleurotomaria ; Shattuck, G. B. 1906.
 stearnsii Odostomia ; Arnold, R. 1342.
 ——— Turbonilla ; Arnold, R. 1342.
 stehleni Sus ; Schlosser, M. 1869.
 steinmanni Eudictyon ; Bistram, A. 1375.
 ——— Phlyctenodes ; Lörenthey. 1690.
 stellata Cellepora ; Maplestone, C. M. 1711.
 stellatus Pseudocrinites ; Schuchert, C. 1885.
Stenoprotome n. gen. Hay, O. P. 1591.
Stereolasma n. gen. Simpson, G. B. 1921.
 stokesi Glyphaea ; Weller, S. 2023.
 ——— Paludestrina ; Arnold, R. 1342.
Stolzenburgiella n. sub-gen. Bittner, A. 1378.
 stoppanii Pinacoceras ; Airaghi, C. 1319.
 stormbergensis Baiera ; Seward, A. C. 1904.
 ——— Callipteridium ; Seward, A. C. 1904.
 strambergense Sphaeroma ; Remeš, M. 1837.
 strambergensis Pecten ; Remeš, M. 1837.
 ——— Placunopsis ; Remeš, M. 1837.
 strenuum Dentalium ; Casey, T. L. 1427.
Strephochetus n. gen. Seely, H. M. 1893.
 striatula Gastrochaena ; Aldrich, T. H. 1321.
 stromeri Podocnemis ; Reinach, A. von. 1833, 1834.
 strongi Mangilia ; Arnold, R. 1342.
 stürtzi Gemündina ; Traquair, R. H. 1982.
 styriacus Hippurites ; Hilber, V. 1600.
 subangularis Alveolites ; Greene, G. K. 1570.
 subcirculare Platyceras ; Kindle, E. M. 1651.
 subfrondosa Dekayia ; Cumings, E. R. 1467.
 subfunatum Cerithium ; Oppenheim, P. 1762.
 subillyricus Tirolites ; Kittl, E. 1656.
 subquadratum Glyphioceras ; Foord, A. H. 1528.
 subquadrilaterus Proroporus ; Liebus, A. & Schubert, R. J. 1688.
 subradiatus Trinucleus ; Reed, F. R. C. 1829.
 subreticulatum Glyphioceras ; Foord, A. H. 1528.
 sub-rollei Actinacis ; Oppenheim, P. 1762.
 subrudis Fenestella ; Condra, G. E. 1454.
 subtiara Cerithium ; Oppenheim, P. 1762.
 subtilis Calamophyllia ; Oppenheim, P. 1762.
 subtruncatum Glyphioceras ; Foord, A. H. 1528.
 suessi Griphopithecus ; Abel, O. 1314.
 sulcata Kustarachne ; Melander, A. L. 1722.
 sulcifera Cythere ; Egger, J. G. 1504.

- culsensis* n. form *Vaginaulina*; Herrmann, A. 1596.
- cupina* *Aulacothyris*; Bittner, A. 1378.
- supradevonicum* *Thamnophyllum*; Penecke, K. A. 1787.
- surgens* *Proroporus*; Egger, J. G. 1503.
- suedana* *Quercus*; Palibin, I. 1772.
- suspecta* *Terebratula*; Bittner, A. 1378.
- svilajanus* *Kymatites*; Kittl, E. 1656.
- Seilajites* n. subgen. Kittl, E. 1656.
- sylvaticus* *Tragoceros*; Schlosser, M. 1869.
- Synaptophyllum* n. gen. Simpson, G. B. 1921.
- Szechenyia* n. gen. Pantocsek, J. 1778.
- tabulatum* *Placophyllum*; Simpson, G. B. 1921.
- tangaticus* *Xenodiscus*; Schellwien, E. 1865, 1866.
- tapajotensis* *Griffithides*; Katzer, F. 1840.
- tapeti* *Cerithium*; Oppenheim, P. 1762.
- taramellii* *Ptychites*; Airaghi, C. 1319.
- tatei* *Nilssonina*; Seward, A. C. 1904.
- taxipater* *Meles*; Schlosser, M. 1869.
- tectiformis* *Eucyclus*; Chartron & Cosmann 1431.
- *Orthis*; Walther, K. 2017.
- telleri* *Bittnerites*; Kittl, E. 1656.
- *Psilogyra*; Felix, J. 1521.
- *Tirolites*; Kittl, E. 1656.
- Telphusograpsus* n. gen. Lorentz, 1690.
- temnodon* *Palaeolagus*; Douglass, E. 1488.
- tenuifolius* *Populites*; Berry, E. W. 1369.
- tenuis* *Crioblastus*, Hambach, G. 1577.
- *Sclerocrinus*; Remeš, M. 1837.
- tenuis* *Trigonia*; Kitchin, F. L. 1654.
- tenuistriata* *Arca*; Remeš, M. 1837.
- tenuistriatus* *Crioblastus*; Hambach, G. 1577.
- Teratorhynchus* n. subgen. Reed, F. R. C. 1829.
- terobralis* *Promathidia* Chartron & Cosmann. 1431.
- tergestina* *Madrepora*; Oppenheim, P. 1762.
- tergestinus* *Pericosmus*; Oppenheim, P. 1762.
- terquemi* *Endiataenia*; Chartron & Cosmann. 1431.
- tertaria* *Pleurotomaria*; Pritchard, G. B. 1819.
- tetragona* *Saccocaris*; Chapman, F. 1429.
- Tetraploporella* n. gen. Steinmann. 1949.
- tetrodon* *Ramphodus*; Jaekel, O. 1622.
- texana* *Anstina*; Shattuck, G. B. 1906.
- *Orbicella*?; Vaughan, T. W. 2008.
- *Parasmilia*; Vaughan, T. W. 2008.
- texanum* *Barroisiceras*; Shattuck, G. B. 1906.
- *Cerithium*?; Shattuck, G. B. 1906.
- *Dimorphoceras*, Smith, J. P. 1930.
- *Glyptotherium*, Osborn, H. F. 1768.
- texanus* *Fusus*; Shattuck, G. B. 1906.
- *Platygonus*; Gidley, J. W. 1555.
- textilis* *Thecospira*; Bittner, A. 1378.
- thebensia* *Pleurotomaria*; Oppenheim, P. 1764.
- thedfordensis* n. var. *Spirifer mucronatus*; Shiner, H. W. & Grabau, A. W. 1912.
- themaki* *Melanopsis*; Brusina, S. 1414.

<i>thomsoni</i>	<i>Trons</i> : Matthew, W. D. 1719.	<i>tubiporaeformis</i>	<i>Calamophyllia</i> ; Felix, J. 1522.
<i>tietsch</i>	<i>Syllagmus</i> : Kittl, E. 1656.	<i>tubulifera</i>	<i>Solenopora</i> ; Maplestone, C. M. 1711.
————	<i>Tirolites</i> : Kittl, E. 1656.	<i>tulipaformis</i>	<i>Pentremites</i> ; Hambach, G. 1577.
<i>trilobites</i>	<i>Linacites</i> : Kittl, E. 1656.	<i>tumida</i>	<i>Trigonia</i> ; Kitchin, F. L. 1654.
<i>titanelex</i>	<i>Peratherium</i> : Matthew, W. D. 1719.	<i>turbinatus</i>	<i>Pentremites</i> ; Hambach, G. 1577.
<i>tithonia</i>	<i>Plicatula</i> : Remeš, M. 1837.	<i>turcica</i>	<i>Spiriferina</i> ; Bittner, A. 1378.
<i>tithonius</i>	<i>Eugeniocrinus</i> : Remeš, M. 1837.	<i>turgidula</i>	<i>Anlacothyris</i> ; Bittner, A. 1378.
<i>tommasii</i>	<i>Attractites</i> : Airaghi, C. 1319.	<i>uzziana</i>	<i>Chama</i> : Oppenheim, P. 1762.
————	<i>Nautilus</i> : Airaghi, C. 1319.	<i>tylophora</i>	<i>Stauroneis</i> ; Reichelt, H. 1832.
<i>Trochomenas</i>	n. gen. Merriam, J. C. 1736.	<i>typica</i>	<i>Nepheleospongia</i> ; Clarke, J. M. 1438.
<i>tortuaria</i>	<i>Serpula</i> : Remeš, M. 1837.	<i>uhligi</i>	<i>Astarte</i> : Remeš, M. 1837.
<i>tortuosa</i>	<i>Lamogyra</i> ; Felix, J. 1521.	————	<i>Cyclanmina</i> ; Schubert, R. J. 1874.
<i>trchi</i>	<i>Melanopsis</i> : Brusina, S. 1414.	————	<i>Goniocyrtina</i> ; Frech, F. 1543.
<i>trilai</i>	<i>Tirolites</i> : Kittl, E. 1656.	————	<i>Placocenia</i> ; Volz, W. 2012.
<i>transiens</i>	<i>Phylloporina</i> : Felix, J. 1521.	<i>ulrichi</i>	<i>Camarocrinus</i> ; Schuchert, C. 1885.
<i>transversalis</i>	<i>Pertambonites</i> ; Chapman, F. 1430.	————	<i>Polypora</i> : Condra, G. E. 1454.
<i>trapeziformis</i>	<i>Trigonia</i> : Kitchin, F. L. 1654.	<i>undulata</i>	<i>Limnaea</i> ; Gorjanovič-Kramberger, K. [Dragutin]. 1559.
<i>trebevicensis</i>	<i>Rhynchonella</i> ; Bittner, A. 1378.	<i>undulatus</i>	<i>Tirolites</i> ; Kittl, E. 1656.
<i>tridentina</i>	<i>Pseudomonotis</i> ; Bittner, A. 1377.	<i>uniserialis</i>	<i>Retepora</i> ; Maplestone, C. M. 1711.
<i>trifolium</i>	<i>Haplophragmium</i> ; Egger, J. G. 1503.	<i>ursulae</i>	<i>Dimorphina</i> ; Egger, J. G. 1503.
<i>Trigenerina</i>	n. gen. Schubert, R. J. 1874.	————	<i>Pontocypris</i> ; Egger, J. G. 1503.
<i>Triplophyllum</i>	n. gen. Simpson, G. B. 1921.	<i>utterbacki</i>	<i>Haplocanthosaurus</i> ; Hatcher, J. B. 1583.
<i>trisinuatus</i>	<i>Zaphrentis</i> ; Greene, G. K. 1570.	<i>vaceki</i>	<i>Bolivina</i> ; Schubert, R. J. 1874.
<i>troianus</i>	<i>Productus</i> ; Enderle, J. 1508.	<i>validus</i>	<i>Leptograptus</i> ; Elles, G. L. & Wood, E. M. R. 1507.
<i>truncata</i>	<i>Prothyris</i> ; Cleland, H. F. 1447.	<i>valsoldae</i>	n. form <i>Avicula</i> ; Bistram, A. 1375.
<i>trusitum</i>	<i>Orthoceras</i> ; Clarke, J. M. & Ruedemann, R. 1444.	<i>variabilis</i>	<i>Dimorphina</i> ; Liebus, A. & Schubert, R. J. 1688.
<i>tschernyschewi</i>	<i>Ekbainacanthus</i> ; Jakowlew, N. 1625.		
<i>tuberculatus</i>	n. var. <i>Lichas hirsutus</i> ; Reed, F. R. C. 1826.		

vaughani	Arca ; Casey, T. L. 1427.	vulgaris	Homomya ; Shattuck, G. B. 1906.
————	Cardium ; Shattuck, G. B. 1906.	waageni	Spiroloculina ; Liebus, A. & Schubert, R. J. 1688.
————	Litharaea ; Felix, J. 1521.	wabashensis	Goniatites ; Kindle, E. M. 1651.
————	Pectunculus ; Woods, H. 2036.	————	Reticularia ; Kindle, E. M. 1651.
vendaeense	Procerithium ; Chartron & Cossmann. 1431.	wachneri	Dimorphastraea ; Felix, J. 1521.
ventricosa	Amphissa ; Arnold, R. 1342.	————	Aulacothyris ; Bittner, A. 1378.
ventricosus	Saccoblastus ; Hambach, G. 1577.	walteri	Cyrtina ; Bittner, A. 1378.
verae	Tornoceras ; Frech, F. 1543.	wanneri	Eulina ; Oppenheim, P. 1764.
vermiculata	Aulopsammia ; Felix, J. 1521.	wardi	Listracanthus ; Woodward, A. S. 2038.
vermiculosa	Trachelomonas ; Palmer, T. 1773.	————	Michelinia ; Greene, G. K. 1570.
verrucosiformis	Unio ; Whitfield, R. P. 2026.	weberi	Zaphrentis ; Greene, G. K. 1570.
verrucosus	Cribroblastus ; Hambach, G. 1577.	welleri	Dolatocrinus ; Greene, G. K. 1570.
veryi	Carpenteroblastus ; Greene, G. K. 1570.	————	Gastrioceras ; Smith, J. P. 1930.
————	Stemmatocrinus ? ; Greene, G. K. 1570.	————	Gonioloboceras ; Smith, J. P. 1930.
vestita	Trachelomonas ; Palmer, T. C. 1773.	welschi	Cerithiella ; Chartron & Cossmann. 1431.
veterior	Ischyromys ; Matthew, W. D. 1719.	wettsteinii	Eunotia ; Pantocsek, J. 1778.
vetustus	Sciurus ; Matthew, W. D. 1719.	whiteavesi	Hormotoma ; Clarke, J. M. & Ruedemann, R. 1444.
vicaria	Rhynchonella ; Bittner, A. 1378.	whitei	Paliguana ; Broom, R. 1408.
vicksburgella	Microdrillia ; Casey, T. L. 1427.	whitfieldi	Acidaspis ; Hitchcock, C. H. 1606.
vicksburgensis	Lucina ; Casey, T. L. 1427.	————	Raja ; Hay, O. P. 1591.
————	Pleurotoma ; Casey, T. L. 1427.	whitneyi	Neohipparion ; Gidley, J. W. 1554.
————	Venericardia ; Casey, T. L. 1427.	williamsi	Martinia ; Kindle, E. 1651.
vidovici	Melanopsis ; Brusina, S. 1414.	williamsoni	Bittium ; Arnold, R. 1342.
vitellias	Natica ; Oppenheim, P. 1762.	woodwardi	Anthracosiro ; Pocock. 1804.
volaris	Pecten ; Bittner, A. 1378.	————	Lichas ; Reed, F. R. C. 1826.
v-scripta	Trigonia ; Kitchin, F. L. 1654.	wooriyallockensis	Beyrichia ; Chapman, F. 1429.

wysogorskii	Clymenia ; Frech, F. 1543.	zitteli	Anchitherium ; Schlosser, M. 1869.
zachariasii	Navicula ; Reichelt, H. 1832.	————	Cyathoseris ; Felix, J. 1521.
zarecznyi	Spirifer ; Gürich, G. 1576.	————	Leptocheirus ; Merriam, J. C. 1726.
zeilleri	Chiropteris ; Seward, A. C. 1904.	————	Rhizopoterion ; Ungern- Sternberg, E. 1993.
zephyrinum	Dentalium ; Casey, T. L. 1427.	zitteliana	Frondicularia ; Egger, J. G. 1503.
		zumoffeni	Latimacandra ; Felix, J. 1522.

ERRATA.

FIRST ANNUAL ISSUE.

- p. 45, top of first column, for Stejneger read Steijneger.
p. 86, top of first column, for Lirguria read Liguria, and for 1 tav. read 9 tav.
p. 102, first column, for Helioceras read Helicoceras.

SECOND ANNUAL ISSUE.

- p. 111, second column, after line 15, insert : *Holocostephanus wilfrida* n. sp.
Karakasch, J. Ann. Univ. Grenoble, Paris, **14**, 1902, (411-425, av. pl.).
p. 114, second column, 10 lines from the bottom, insert : *Alloërisma carniolicum*
n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **51**, **1901**, 1902, (225-234,
mit 1 Taf.).
p. 137, first column, 7 lines from the bottom, insert : *ALLOËRISMA carniolicum*.
Bittner, A. 711.
p. 141, first column, after line 16 insert : *HOLOCOSTEPHANUS wilfridi*.
Karakasch, J. 932.
p. 192, first column, after line 8, insert : *wilfridi* *Holocostephanus* ; Karakasch, J.
932.
p. 44, first column, last line, after (289-320), insert : Separate. 1901. 27 cm.

LIST OF JOURNALS WITH ABBREVIATED TITLES.

<i>Adelaide, S. Aust., Trans. R. Soc.</i>	Transactions of the Royal Society of South Australia, Adelaide.	6 S.Aus.
<i>Albany Univ., N.Y., Bull. St. Mus.</i>	Bulletin of the New York State Museum. University of the State of New York, Albany, N.Y.	4 U.S.
<i>Albany Univ., N.Y., Mem. St. Mus.</i>	Memoirs of the New York State Museum. University of the State of New York, Albany, N.Y.	5 U.S.
<i>Albany Univ., N.Y., Rep. St. Mus.</i>	Report of the New York State Museum. University of the State of New York, Albany, N.Y.	6 U.S.
<i>Amer. Geol., Minneapolis, Minn.</i>	American Geologist, Minneapolis, Minnesota.	13 U.S.
<i>Amer. Inv., Washington, D.C.</i>	The American Inventor. Washington, D.C.	569 U.S.
<i>Amer. J. Sci., New Haven, Conn.</i>	American Journal of Science, New Haven, Conn.	19 U.S.
<i>Amer. Nat., Boston, Mass.</i>	The American Naturalist, Boston, Mass.	21 U.S.
<i>Amsterdam, Tijdschr. K. Ned. Aardr. Gen.</i>	Tijdschrift van het Koninklijk Neder- landsch Aardrijkskundig Genootschap, Amsterdam, 8o.	4 Hol.
<i>Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet.</i>	Verslagen der Vergaderingen van de Wis- en Natuurkundige Afdeeling der Koninklijke Akademie van Weten- schappen, Amsterdam, 8o.	7 Hol
<i>Angers, Bul. soc. étud. sci.</i>	Bulletin de la société d'études scienti- fiques d'Angers (Maine-et-Loire). [annuel.]	33 Fr.
<i>Ann. Bot., Oxford ...</i>	Annals of Botany, Oxford. ...	4 U.K.
<i>Ann. Mag. Nat. Hist., Lon- don</i>	Annals and Magazine of Natural His- tory, London.	7 U.K.
<i>Ann. Natphilos., Leipzig.</i>	Annalen der Naturphilosophie. Leipzig.	1285 Ger.
<i>Arch. Anthr., Braun- schweig</i>	Archiv für Anthropologie. hrsg. v. Ranke. Braunschweig. [$\frac{1}{4}$ jährl.]	53 Ger.

<i>Arch. Landesk. Sachsen, Halle</i>	Archiv für Landes- und Volkskunde der Provinz Sachsen, hrsg. v. Kirchhoff. Halle. [jähr.]	73 Ger.
<i>Arch. Natw. LdDurchf. Böhmen, Prag</i>	Archiv der Naturwissenschaftlichen Landesdurchforschung von Böhmen. Prag. [zwanglos.]	26 Aus.
<i>Autun, Bul. soc. hist. nat.</i>	Bulletin de la société d'histoire naturelle. Autun (Saône-et-Loire).	915 Fr.
<i>Autun, Bul. soc. sci. nat. ...</i>	Bulletin de la société des sciences naturelles. Autun (Saône-et-Loire).	149 Fr.
<i>Auxerre, Bul. soc. sci. hist. nat.</i>	Bulletin de la société des sciences historiques et naturelles de l'Yonne. Auxerre (Yonne).	152 Fr.
<i>Ber. Hauptvers. D. Forstver., Berlin</i>	Bericht über die Hauptversammlung des Deutschen Forstvereins (Versammlung deutscher Forstmänner). Berlin. [jähr.]	1259 Ger.
<i>Berkeley, Univ. Cal., Bull. Dept. Geol.</i>	University of California. Bulletin of the Department of Geology, Berkeley	40 U.S.
<i>Berlin, Ber. D. bot. Ges. ...</i>	Berichte der deutschen botanischen Gesellschaft. Berlin. [monatl.]	164 Ger.
<i>Berlin, SitzBer. Ges. natf. Freunde</i>	Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin. Berlin. [jähr. in zwangl. H.]	183 Ger.
<i>Boll. Naturalista, Siena ...</i>	Bollettino del Naturalista, Siena ...	33 It.
<i>Bologna, Mem. Acc. sc. ...</i>	Memorie dell' Accademia delle scienze dell' Istituto, Bologna.	42 It.
<i>Bot. Jahrb., Leipzig ...</i>	Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie, hrsg. v. Engler. Leipzig. [10 H. jähr.]	242 Ger.
<i>Bruxelles, Ann. Soc. roy. malacol</i>	Annales de la Société royale malacologique de Belgique (Bruxelles).	183 Bel.
<i>Bruxelles, Ann. Soc. scient.</i>	Annales de la Société scientifique de Bruxelles (Louvain). Trimestriel.	26 Bel.
<i>Bruxelles, Bul. Soc. géol., paléont., hydr.</i>	Bulletin de la Société belge de géologie, de paléontologie et d'hydrologie (Bruxelles).	42 Bel.
<i>Buffalo, Bull. Soc. Nat. Sci.</i>	Bulletin of the Buffalo Society of Natural Sciences, Buffalo, N.Y.	66 U.S.
<i>Bul. Min. Agricult., Paris</i>	Bulletin du Ministère de l'Agriculture. Paris.	236 Fr.
<i>Cape Town, Ann. S. Africa Mus.</i>	Annals of the South African Museum, Cape Town.	5 S.A.
<i>Carinthia II, Klagenfurt ...</i>	Carinthia II, Mitteilungen des Naturhistorischen Landesmuseums für Kärnten. Red. v. Karl Frauscher. Klagenfurt. [2 monatl.]	67 Aus.

<i>Centralbl. Min., Stuttgart ...</i>	Centralblatt für Mineralogie, Geologie und Paläontologie, hrsg. v. Bauer etc. Stuttgart. [$\frac{1}{2}$ monatl.]	285 Ger.
<i>Chicago, Ill., Bot. Gaz. Univ. Chic.</i>	Botanical Gazette. (University of Chicago), Chicago, Ill.	64 U.S.
<i>Chicago, Ill., J. Geol. Univ. Chic.</i>	Journal of Geology. (University of Chicago), Chicago, Ill.	101 U.S.
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<i>D. ent. Zs. Iris, Berlin ...</i>	Deutsche entomologische Zeitschrift, hrsg. v. d. Gesellschaft Iris in Dresden in Verbindung m. d. deutschen entomologischen Gesellschaft zu Berlin. (Iris, Dresden.) Berlin, Friedländer u. Sohn. [2 H. jährl.]	332 Ger.
<i>Danzig, Schr. natf. Ges. ...</i>	Schriften der naturforschenden Gesellschaft in Danzig. Danzig. [zwanglos.]	394 Ger.
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<i>Feuille jeunes natural., Paris</i>	Feuille des jeunes naturalistes. Dir. Dollfus. Paris. [mensuel.]	337 Fr.
<i>Földt. Evk., Budapest ...</i>	Földtani Evkönyvei, Budapest. [Jahrbuch für Geologie, Budapest.]	20 Hun.
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<i>Frankfurt a. M., NachrBl. D. malakozool. Ges.</i>	Nachrichtenblatt der deutschen malakozologischen Gesellschaft. Frankfurt a. M. [monatl.]	480 Ger.
<i>Geogn. Jahreshefte, München</i>	Geognostische Jahreshefte, hrsg. v. d. geognostischen Abtheilung des kgl. bayerischen Oberbergamts in München. München. [jähr.]	507 Ger.
<i>Geol. Mag., London... ...</i>	Geological Magazine, London ...	134 U.K.
<i>Gloucester, Proc. Cotteswold Nat. F. Cl.</i>	Proceedings of the Cotteswold Naturalists' Field Club, Gloucester	144 U.K.

<i>Grahamstown, Cape Colony, Rec. Albany Mus.</i>	Records of the Albany Museum, Grahamstown.	12 S.A.
<i>Graz, Mitt. Natw. Ver. Steierm.</i>	Mitteilungen des Naturwissenschaftlichen Vereines für Steiermark. Red. v. C. Doelter. Graz. [jähr.]	119 Aus.
<i>Haarlem, Arch. Mus. Teyler</i>	Archives du Musée Teyler, Haarlem. 8vo.	21 Hol.
<i>Hildesheim, Mitt. Roemer-Mus.</i>	Mittheilungen aus dem Roemer-Museum zu Hildesheim. [zwanglos.]	583 Ger.
<i>Hull, Mus. Publ. ...</i>	Hull Museum Publications ...	490 U.K.
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<i>Johannesburg, Geol. Soc. S. Africa</i>	Geological Society of South Africa, Johannesburg.	8 S.A.
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<i>Knowledge, London ...</i>	Knowledge, London ...	187 U.K.
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<i>Kristiania, Forh. Vid. selsk.</i>	Forhandlinger i Videnskabsselskabet i Kristiania.	12 Nor.
<i>Leipzig, SitzBer. natf. Ges.</i>	Sitzungsberichte der naturforschenden Gesellschaft zu Leipzig. Leipzig. [2 jahr.]	744 Ger.
<i>Lille, Ann. soc. géol. ...</i>	Annales de la société géologique du Nord. Lille (Nord). [bimestr.]	420 Fr.
<i>Liverpool, Proc. Geol. Soc.</i>	Proceedings of the Liverpool Geological Society, Liverpool.	204 U.K.
<i>London, Brit. Ass. Geol. Phot.</i>	British Association. Photographs of geological interest in the United Kingdom. London.	— U.K.

<i>London, Geog. J. ...</i>	Geographical Journal (Royal Geographical Society), London.	218 U.K.
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<i>Melbourne, Proc. R. Soc. Vict.</i>	Proceedings of the Royal Society of Victoria. Melbourne.	9 Vic.
<i>Milano, Atti Soc. ital. sc. nat.</i>	Atti della Società italiana di scienze naturali, e del museo civico di Storia naturale, Milano.	102 It.
<i>Milano, Rend. Ist. lomb. ...</i>	Rendiconti dell' Istituto lombardo di scienze e lettere, Milano.	106 It.
<i>Mitt. D. Schutzgeb., Berlin</i>	Mittheilungen von Forschungsreisenden und Gelehrten aus den deutschen Schutzgebieten. Wissenschaftliche Beihefte zum deutschen Kolonialblatt, hrsg. v. Danckelmann. Berlin. [$\frac{1}{4}$ jähr.]	803 Ger.

<i>Milwaukee, Bull. Wis. Nat. Hist. Soc.</i>	Bulletin of the Wisconsin Natural History Society, Milwaukee.	235 U.S.
<i>Moskva, Bull. Soc. Nat. ...</i>	Bulletin de la Société Impériale des Naturalistes de Moscou.	136 Rus.
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<i>München, SitzBer. Ak. Wiss.</i>	Sitzungsberichte der kgl. bayerischen Akademie der Wissenschaften zu München. München. [jähr. in zwangl. H.]	839 Ger.
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<i>Padova, Atti Soc. ven.-trent.</i>	Atti della Società veneto-trentina di scienze naturali, Padova.	130 It.
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<i>Paleontogr. Italica, Pisa</i>	Paleontografia Italica, Pisa.	132 It.
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<i>Potf. Termt. Közl., Budapest</i>	Potfüzetek a Természettudományi Közlönyhöz, Budapest. [Beiblätter zu den naturwissenschaftlichen Mittheilungen, Budapest.]	13 Hun.
<i>Prag, Rozpr. České Ak. Frant. Jos.</i>	Rozpravy České Akademie Císaře Františka Josefa pro Vědy, Slovesnost a Umění Praha [Abhandlungen der Tschechischen Kaiser Franz Josefs-Akademie für Wissenschaft, Literatur und Kunst]. [zwanglos]	
<i>Prag, SitzBer. Böhm. Ges. Wiss.</i>	Sitzungsberichte der Königlich Böhmischen Gesellschaft der Wissenschaften, Mathematisch Naturwissenschaftliche Klasse Prag. [jährlich]	305 Aus.
<i>Prag, SitzBer. Lotos ...</i>	Sitzungsberichte des Deutschen Naturwissenschaftlich-Medizinischen Vereines für Böhmen „Lotos“ in Prag. Prag. [jährlich]	306 Aus.
<i>Riv. ital. paleont., Bologna</i>	Rivista italiana di paleontologia, Bologna.	167 It.
<i>Riv. ital. sc. nat., Siena ...</i>	Rivista italiana di scienze naturali, Siena.	168 It.
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<i>St. Petersburg, Mém. Ac. Sc.</i>	Записки Императорской Академии Наук по физико-математическому отделению. С.-Петербургъ. [Mémoires de l'Académie Impériale des Sciences. Classe des sciences physiques et mathématiques. St. Petersburg.]	266 Rus.

<i>St. Petersburg, Verh. Russ. mineral. Ges.</i>	Записки Императорскаго С.-Петербургскаго минералогическаго общества. С.-Петербургъ. [Verhandlungen der russischen Mineralogischen Gesellschaft. St.-Petersbourg.]	290 Rus.
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<i>Sydney, N.S.W., Rec. Austr. Mus.</i>	Records of the Australian Museum, Sydney, N.S.W.	7 N.S.W.
<i>Sydney, N.S.W., Rec. Geol. Surv. N.S. Wales</i>	Records of the Geological Survey of New South Wales, Sydney, N.S.W.	8 N.S.W.
<i>Tekn. Fören. Tidskr., Helsingfors</i>	Tekniska Föreningens Tidskrift. Helsingfors. 4to.	29 Fin.
<i>Tōkyō, J. Coll. Sci. ...</i>	The Journal of the College of Science, Imperial University of Tōkyō, Japan. <i>European languages.</i>	28 Jap.
<i>Topeka, Trans. Kan. Acad. Sci.</i>	Transactions of the Kansas Academy of Science, Topeka.	446 U.S.
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<i>Truro, J. R. Inst. Cornwall</i>	Journal of the Royal Institution of Cornwall, Truro.	420 U.K.
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<i>Venezia, Atti Ist. ven. ...</i>	Atti del R. Istituto veneto di scienze, lettere ed arti, Venezia.	235 It.
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<i>Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv.</i>	Department of the Interior. Bulletin of the United States Geological Survey, Washington, D.C.	516 U.S.
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<i>Wien, Beitr. Pol. Geol. ÖstUng.</i>	Beiträge zur Paläontologie und Geologie Österreich-Ungarns und des Orients. Mitteilungen des Paläontologischen und Geologischen Institutes der Universität Wien. Herausgegeben mit Unterstützung des hohen Ministeriums für Kultus und Unterricht von Viktor Uhlig und G[ustav] von Arthaber. Wien. [¼ jährl.]	415 Aus.
<i>Wien, Jahrb. Geol. Reichsanst.</i>	Jahrbuch der k. k. Geologischen Reichsanstalt. Wien. [¼ jährl.]	425 Aus.

Wien, Mitt. Geogr. Ges. ...	Mitteilungen der k. k. Geographischen Gesellschaft in Wien. Red. v. August Böhm Edlen von Böhmersheim. Wien. [2 monatl.]	437 Aus.
Wien, SitzBer. Ak. Wiss. ...	Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [in 4 Abteilungen, zwanglos.]	472 Aus.
Wien, Verh. Geol. Reichs-Anst.	Verhandlungen der k. k. Geologischen Reichs-Anstalt. Wien. [18 H. jährl.]	477 Aus.
Zool. Anz., Leipzig ..	Zoologischer Anzeiger, hrsg. v. Carus. Leipzig. [2-3 Nrn monatl.]	1148 Ger.
Zs. Natur., Stuttgart ...	Zeitschrift für Naturwissenschaften. Organ des naturwissenschaftlichen Vereins für Sachsen und Thüringen. Stuttgart. [2 monatl.]	1214 Ger.
Zs. wiss. Zool., Leipzig ...	Zeitschrift für wissenschaftliche Zoologie, hrsg. v. Kölliker u. Ehlers. Leipzig. [8 H. jährl.]	1249 Ger.

*The numbers in the right-hand column are those used in the
General List of Journals.*

Internationaler Katalog der naturwissenschaftlichen Litteratur.

I—TOPOGRAPHISCHE CLASSIFICATION.

[In Verbindung mit Geographie, Geologie, Botanik, Zoologie etc. zu benutzen.]

1.—HAUPT-ABSCHNITTE.

- a.* Die Erde als Ganzes.
- b.* Das Festland als Ganzes.
- c.* Der Ocean als Ganzes.
- d.* Europa und die Inseln im Mittelländischen Meere.
- e.* Asien und der Malayische Archipel, einschliesslich Celebes und Timor.
- f.* Africa und Madagaskar.
- g.* Nord-Amerika bis zur Grenze zwischen den Vereinigten Staaten und Mexiko.
- h.* Mexiko, Central- und Süd-Amerika, Westindische Inseln.
- i.* Australien, Tasmanien und Neu-Seeland, mit Neu-Guinea, Gilolo und Molukken nach Westen, und mit Salomo-Inseln, Neuen Hebriden und Neu-Caledonien nach Osten.
- k.* Arktisches Gebiet: Grönland und der vom Polarkreis umschlossene Raum, insbesondere die jenseits desselben gelegenen Kütenländer von Amerika, Asien und Europa.
- l.* Atlantisches Gebiet mit seinen Inseln, vom Polarkreis bis 45° S. Br.; der südliche Theil wird südliche von Afrika nach Osten durch den Meridian 20° O. [v. Gr.] begrenzt und reicht im Westen bis zur Küste von Süd-Amerika.
- m.* Der Indische Ocean mit seinen Inseln reicht im Süden bis 45° S. Br.; im Westen bis 20° O. L., im Osten bis zur Küste von Australien und dem Meridian 140° O. L.
- n.* Pacifisches Gebiet mit seinen Inseln, vom Nordpolarkreis bis 45° S. Br., im südlichen Theil begrenzt durch den Meridian 147° O. L. nach Westen, und die Küste von Süd-Amerika nach Osten.
- o.* Antarktisches Gebiet, umfassend das Gebiet südlich von 45° S. Br., mit Ausschluss der Falklands-Inseln, der südlichen Theile von Süd-Amerika und Neu-Seelands, aber einschliesslich der Inseln Neu-Amsterdam und St. Paul.

N.B.—Allgemeine Regel: Inseln, die mehr als 100 englische Meilen (160 Kilometer) vom Festland entfernt sind, sind, falls nicht besonders ausgenommen, als oceanisch zu classificiren.

2. UNTERABTHEILUNGEN.

d. EUROPA UND DIE INSELN IM MITTELLÄNDISCHEN MEERE.

- da.* Skandinavien: Schweden, Norwegen, Dänemark, Island Faröer.
- db.* Des Europäische Russland.
- dc.* Das Deutsche Reich.
- dd.* Holland; Belgien; Luxemburg.
- de.* Die Britischen Inseln.
- df.* Frankreich und Corsica.
- dg.* Spanien und Portugal.
- dh.* Italien, met Sicilien und Sardinien.
- di.* Die Schweiz.
- dk.* Oesterreich-Ungarn (einschliesslich Bosnien und Herzegowina).
- dl.* Die Balkan-Halbinsel (Europäische Türkei, Rumänien, Bulgarien, Serbien, Montenegro, Griechenland).
- dm.* Das Mittelländische Meer mit seinen Inseln (mit Ausschluss von Sicilien, Sardinien und Corsica).
- dn.* Das Schwarze Meer.
- do.* Die Ostsee mit ihren Inseln.

e. ASIEN UND DER MALAYISCHE ARCHIPEL.

- ea.* Asiatisches Russland.
- eb.* China und zugehörige Länder; Tibet; Korea.
- ec.* Japanische Inseln; Formosa.
- ed.* Cochinchina; Tonking, Annam.
- ee.* Siam.
- ef.* Britisch-Indien, einschliesslich Himalaya, Burma, Ceylon.
- eg.* Malayische Halbinsel südlich vom Isthmus von Kra, und Malayischer Archipel bis zu Wallace's Linie, einschliesslich Celebes und Timor; Philippinen; Chinesisches Südmeer.
- eh.* Persien; Afghanistan; Belutschistan.
- ei.* Asiatische Türkei; Arabien.
- ek.* Das Kaspische Meer.
- el.* Der Persische Golf.

f. AFRIKA UND MADAGASKAR.

- fa.* Die Mittelmeer-Staaten: Marokko, Algier, Tunis, Tripolis.
- fb.* Nordost-Afrika: Egypten und Nilthal bis 10° N. Br.; Abessynien; afrikanische Küste des Rothen Meeres.
- fc.* Die Sahara und der französische Sudan; Darfur etc.
- fd.* West-Afrika, von Marokko bis zum Kongo.
- fe.* Kongo-Staat und Angola.
- ff.* Ostafrika, von der südlichen Grenze von *fb.* bis zum Sambesi; Sokotra.
- fg.* Süd-Afrika, südlich des Sambesi und der Grenze zwischen.
- fh.* Madagaskar und Komoren.
- fi.* Das Rothe Meer mit seinen Inseln.

g. NORD-AMERIKA.

- ga.* Alaska.
- gb.* Canada als Ganzes.
- gc.* West-Canadisches Gebiet: Yukon, Britisch-Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.
- gd.* Ost-Canadisches Gebiet; Neufundland.
- ge.* Gebiet der Laurentischen Seen.
- gf.* Vereinigte Staaten als Ganzes.
- gg.* Nordosten der Vereinigten Staaten, östlich vom Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* Südosten der Vereinigten Staaten, östlich vom Mississippi.
- gi.* Westen der Vereinigten Staaten, westlich vom Mississippi.

h. CENTRAL-AMERIKA, SÜD-AMERIKA, WEST-INDIEN.

- ha.* Mexiko.
- hb.* Central-Amerika: Guatemala, Honduras; Britisch-Honduras; Salvador; Nicaragua; Costa Rica.
- hc.* Westindische Inseln; Caraibisches Meer; Golf von Mexiko.
- hd.* Guyana: Britisch, Niederländisch und Französisch; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brasilien.
- hi.* Argentinien; Uruguay und Paraguay.
- hk.* Chile.
- hl.* Feuerland und benachbarte Inseln; Falkland Inseln.
- hm.* Die Anden.

i. AUSTRALASIEN.

- ia.* Neu-Guinea, nebst Inseln im Osten von Wallace's Linie, einschliesslich Gilolo, Amboina, Ceram.
- ib.* Bismarck-Archipel (Neu-Pommern etc. bis Salomo-Inseln).
- ic.* Australien als Ganzes.
- id.* Queensland.
- ie.* Neu-Süd-Wales.
- if.* Victoria.
- ig.* Süd-Australien.
- ih.* West-Australien.
- ii.* Tasmanien.
- ik.* Neu-Seeland.
- il.* Neu-Caledonien, Neue Hebriden und Loyalty Inseln.

L. ARKTISCHES GEBIET.

- la.* Der Arktische Ocean.
- lb.* Grönland.
- lc.* Archipel nördlich von Nord-Amerika.
- ld.* Inseln nördlich von Europa und Asien.

L. ATLANTISCHES GEBIET.

- la.* Der Nordatlantische Ocean mit seinen Inseln, soweit sie nicht anderweit eingereiht sind.
- lb.* Azoren; Kanaren; Madeira; Cap Verde.
- lc.* Der Südatlantische Ocean mit seinen Inseln.

M. INDISCHER OCEAN.

- ma.* Ocean und Inseln nördlich vom Aequator.
- mb.* Ocean und Inseln südlich vom Aequator, einschliesslich Maskarenen, Neu-Amsterdam und St. Paul.

N. PACIFISCHES GEBIET.

- na.* Nordpazifischer Ocean (nördlich vom Aequator).
- nb.* Sudpazifischer Ocean (südlich vom Aequator).
- nc.* Bering's Meer, nebst Inseln (Aleuten-Archipel etc.).
- nd.* Sandwich-Inseln und zerstreute Gruppen nördlich von Aequator und östlich vom 180. Grad.
- ne.* Ladronen-, Palau-, Carolinen- und Marshall-Gruppen, nebst andern Inseln nördlich vom Aequator und Westlich vom 180. Grad.
- nf.* Fidschi-Inseln, Freundschafts-Inseln, Samoa, Ellice-Inseln, Phönix-Inseln etc., westlich vom Meridian 160° W. L.
- ng.* Galapagos-Inseln.
- nh.* Gesellschafts-Inseln, Niedrige Inseln, Marquesas- und andere Inseln des südlichen Pacifischen Oceans, östlich vom Meridian 160° W. L.

O. ANTARCTISCHES GEBIET.

- oa.* Der Antarktische Kontinent als Ganzes.
- ob.* Süd-Georgien, Sandwich-Gruppen, und andere Inseln südlich vom südatlantischen Gebiet.
- oc.* Prince Edward-Insel, Crozet-Inseln, Kerguelen- und andere Inseln südlich vom Indischen Ocean.
- od.* Inseln südlich und südöstlich von Neu-Seeland, und Gebiet südlich des Pacifischen Oceans.

Catalogue International de la Littérature Scientifique.

CLASSIFICATION TOPOGRAPHIQUE.

[Cette classification sera appliquée à la géographie, à la géologie, à la botanique, à la zoologie, etc.]

I.—GRANDES DIVISIONS.

- a.* Données d'ensemble relatives au globe terrestre.
- b.* Données d'ensemble relatives aux continents.
- c.* Données d'ensemble relatives aux océans.
- d.* Europe et îles méditerranéennes.
- e.* Asie et Archipel Malais, Célèbes et Timor inclus.
- f.* Afrique et Madagascar.
- g.* Amérique du Nord [en prenant comme limite celle qui sépare les Etats-Unis du Mexique].
- h.* Le Mexique, Amérique centrale et méridionale avec les Antilles.
- i.* Australie, Tasmanie et Nouvelle Zélande avec la Nouvelle Guinée, Gilolo et les Moluques à l'ouest, les îles Salomon, les Nouvelles Hébrides et la Nouvelle Calédonie à l'est.
- k.* Régions arctiques : Groenland et surface polaire s'étendant des côtes américaines, asiatiques et européennes à l'extrême nord.
- l.* Atlantique avec les îles comprises entre le cercle polaire arctique et le 45° de lat. S. Partie sud de l'Atlantique limitée à l'est par le méridien 20° E. (Greenwich), au sud de l'Afrique ; et à l'ouest par le côte de l'Amérique du sud.
- m.* Océan Indien avec les îles situées dans l'espace limité dans le sud par le 45° de lat. S. ; à l'ouest par le méridien 20° E. (Greenwich) ; dans l'est par la côte australienne et le méridien 147° E. (Greenwich).
- n.* Le Pacifique avec les îles comprises, en latitude, du cercle polaire arctique au 45° de lat. S. ; en longitude, du méridien 147° E. (Greenwich) à la côte de l'Amérique du sud.
- o.* Régions antarctiques : depuis le 45° de lat. S., moins les Falkland, la pointe sud de l'Amérique méridionale et la Nouvelle Zélande, mais en y comprenant les îles St. Paul et Nouvelle Amsterdam.

N.B.— En général les îles qui se trouvent à plus de 160 à 185 kilomètres du continent sont classées comme îles océaniques, à moins que le contraire ne soit stipulé spécialement.

2. SUB-DIVISIONS.

d. EUROPE AND MEDITERRANEAN ISLANDS.

- da.* Scandinavia : Sweden, Norway, Denmark, Iceland, Faeroes.
- db.* Russia in Europe.
- dc.* German Empire.
- dd.* Holland ; Belgium ; Luxemburg.
- de.* British Islands.
- df.* France and Corsica.
- dg.* Spain and Portugal.
- dh.* Italy : Sicily and Sardinia.
- di.* Switzerland.
- dk.* Austria-Hungary (Bosnia and Herzegovina included).
- dl.* Balkan Peninsula (Turkey in Europe, Roumania, Bulgaria, Serbia, Montenegro, and Greece).
- dm.* Mediterranean and Islands (excluding Sicily, Sardinia, and Corsica).
- dn.* Black Sea.
- do.* Baltic and Islands.

e. ASIA AND MALAY ARCHIPELAGO.

- ea.* Asiatic Russia.
- eb.* China and Dependencies : Tibet ; Corea.
- ec.* Japanese Islands ; Formosa.
- ed.* Cochin China : Tonquin, Annam.
- ee.* Siam.
- ef.* British India : Himalaya ; Burmah ; Ceylon.
- eg.* Malay Peninsula from Isthmus of Kra and Archipelago to Wallace's line, including Celebes and Timor, with the Philippines and China Sea.
- eh.* Persia ; Afghanistan ; Baluchistan.
- ei.* Asiatic Turkey ; Arabia.
- ek.* Caspian.
- el.* Persian Gulf.

f. AFRICA AND MADAGASCAR.

- fa.* Mediterranean States—Marocco, Algiers, Tunis, Tripoli.
- fb.* N.E. Africa ; Egypt and Nile Valley to Lat. 10° N. ; Abyssinia ; African Coast of Red Sea.
- fc.* Sahara and the French Sudan ; Darfur, etc.
- fd.* West Africa, from Marocco to the Congo.
- fe.* Congo State and Angola.
- ff.* East Africa, from the Southern border of *fb* to the Zambezi ; Socotra.
- fg.* South Africa—South of the Zambezi and of the boundary between Portuguese and German S W. Africa.
- fh.* Madagascar and Comoro Group.
- fi.* Red Sea and Islands.

g. NORTH AMERICA.

- ga.* Alaska.
- gb.* Canada as a whole.
- gc.* Canadian Dominion West (Yukon, British Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Canadian Dominion East; Newfoundland.
- ge.* The Laurentian Lakes.
- gf.* United States as a whole.
- gg.* North Eastern United States, East of Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* South Eastern United States, East of Mississippi.
- gi.* Western United States, West of Mississippi.

h. CENTRAL AND SOUTH AMERICA AND WEST INDIES.

- ha.* Mexico.
- hb.* Central America: Guatemala; Honduras; British Honduras; Salvador; Nicaragua; Costa Rica.
- hc.* West Indian Islands; Caribbean Sea; Gulf of Mexico.
- hd.* Guiana—British, Dutch, and French; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brazil.
- hi.* Argentina; Uruguay and Paraguay.
- hk.* Chili.
- hl.* Tierra del Fuego and neighbouring islands; Falkland Islands.
- hm.* The Andes.

i. AUSTRALASIA.

- ia.* New Guinea with Islands from Wallace's line, including Gilolo, Amboina, Ceram.
- ib.* Bismarck Archipelago (New Britain, etc., to Solomon Islands inclusive).
- ic.* Australia as a whole.
- id.* Queensland.
- ie.* New South Wales.
- if.* Victoria.
- ig.* South Australia.
- ih.* West Australia.
- ii.* Tasmania.
- ik.* New Zealand.
- il.* New Caledonia, New Hebrides, and Loyalty Islands.

k. ARCTIC.

- ka.* Arctic Ocean.
- kb.* Greenland.
- kc.* Archipelago north of North America.
- kd.* Islands north of Europe and Asia.

l. ATLANTIC.

- la.* North Atlantic Ocean and Islands not otherwise specified.
- lb.* Azores; Canaries; Madeira; Cape Verde.
- lc.* South Atlantic and Islands.

m. INDIAN OCEAN.

- ma.* Ocean and Islands N. of Equator.
- mb.* Ocean and Islands S. of Equator, including Mascarene Islands, Amsterdam, and St. Paul.

n. PACIFIC.

- na.* North Pacific Ocean (North of Equator).
- nb.* South Pacific Ocean (South of Equator).
- nc.* Behring Sea and Islands (Aleutian Archipelago, etc.).
- nd.* Sandwich Islands and scattered groups N. of Equator and E. of 180°.
- ne.* Ladrone, Pelew, Caroline and Marshall Groups, with other Islands N. of Equator and W. of 180°.
- nf.* Fiji Islands, Friendly Islands, Samoa, Ellice, Phoenix Islands, etc., west of Meridian 160° W. of Greenwich.
- ng.* Galapagos Islands.
- nh.* Society Islands, Low Archipelago, Marquesas, and other Islands of S. Pacific, east of Meridian 160° W. of Greenwich.

o. ANTARCTIC.

- oa.* Antarctic Continent as a whole.
- ob.* S. Georgia, Sandwich Groups, and other Islands S. of S. Atlantic.
- oc.* Prince Edward Island, Crozets, Kerguelen, and other Islands S. of Indian Ocean.
- od.* Islands to Southward and South-east of New Zealand and Area South of Pacific.

Internationaler Katalog der naturwissenschaftlichen Litteratur.

I—TOPOGRAPHISCHE CLASSIFICATION.

[In Verbindung mit Geographie, Geologie, Botanik, Zoologie etc. zu benutzen.]

1.—HAUPT-ABSCHNITTE.

- a.* Die Erde als Ganzes.
- b.* Das Festland als Ganzes.
- c.* Der Ocean als Ganzes.
- d.* Europa und die Inseln im Mittelländischen Meere.
- e.* Asien und der Malayische Archipel, einschliesslich Celebos und Timor.
- f.* Africa und Madagaskar.
- g.* Nord-Amerika bis zur Grenze zwischen den Vereinigten Staaten und Mexiko.
- h.* Mexiko, Central- und Süd-Amerika, Westindische Inseln.
- i.* Australien, Tasmanien und Neu-Seeland, mit Neu-Guinea, Gilolo und Molukken nach Westen, und mit Salomo-Inseln, Neuen Hebriden und Neu-Caledonien nach Osten.
- k.* Arktisches Gebiet: Grönland und der vom Polarkreis umschlossene Raum, insbesondere die jenseits desselben gelegenen Kütenländer von Amerika, Asien und Europa.
- l.* Atlantisches Gebiet mit seinen Inseln, vom Polarkreis bis 45° S. Br.; der südliche Theil wird südliche von Afrika nach Osten durch den Meridian 20° O. [v. Gr.] begrenzt und reicht im Westen bis zur Küste von Süd-Amerika.
- m.* Der Indische Ocean mit seinen Inseln reicht im Süden bis 45° S. Br.; im Westen bis 20° O. L., im Osten bis zur Küste von Australien und dem Meridian 140° O. L.
- n.* Pacifisches Gebiet mit seinen Inseln, vom Nordpolarkreis bis 45° S. Br., im südlichen Theil begrenzt durch den Meridian 147° O. L. nach Westen, und die Küste von Süd-Amerika nach Osten.
- o.* Antarktisches Gebiet, umfassend das Gebiet südlich von 45° S. Br., mit Ausschluss der Falklands-Inseln, der südlichen Theile von Süd-Amerika und Neu-Seelands, aber einschliesslich der Inseln Neu-Amsterdam und St. Paul.

N.B.—Allgemeine Regel: Inseln, die mehr als 100 englische Meilen (160 Kilometer) vom Festland entfernt sind, sind, falls nicht besonders ausgenommen, als oceanisch zu classificiren.

2. UNTERABTHEILUNGEN.

d. EUROPA UND DIE INSELN IM MITTELLÄNDISCHEN MEERE.

- da.* Skandinavien: Schweden, Norwegen, Dänemark, Island Faröer.
- db.* Des Europäische Russland.
- dc.* Das Deutsche Reich.
- dd.* Holland; Belgien; Luxemburg.
- de.* Die Britischen Inseln.
- df.* Frankreich und Corsica.
- dg.* Spanien und Portugal.
- dh.* Italien, mit Sicilien und Sardinien.
- di.* Die Schweiz.
- dk.* Oesterreich-Ungarn (einschliesslich Bosnien und Herzegowina).
- dl.* Die Balkan - Halbinsel (Europäische Türkei, Rumänien, Bulgarien, Serbien, Montenegro, Griechenland).
- dm.* Das Mittelländische Meer mit seinen Inseln (mit Ausschluss von Sicilien, Sardinien und Corsica).
- dn.* Das Schwarze Meer.
- do.* Die Ostsee mit ihren Inseln.

e. ASIEN UND DER MALAYISCHE ARCHIPEL.

- ea.* Asiatisches Russland.
- eb.* China und zugehörige Länder; Tibet; Korea.
- ec.* Japanische Inseln; Formosa.
- ed.* Cochinchina; Tonking, Annam.
- ee.* Siam.
- ef.* Britisch-Indien, einschliesslich Himalaya, Burma, Ceylon.
- eg.* Malayische Halbinsel südlich vom Isthmus von Kra, und Malayischer Archipel bis zu Wallace's Linie, einschliesslich Celebes und Timor; Philippinen; Chinesisches Südmeer.
- eh.* Persien; Afghanistan; Belutschistan.
- ei.* Asiatische Türkei; Arabien.
- ek.* Das Kaspische Meer.
- el.* Der Persische Golf.

f. AFRIKA UND MADAGASKAR.

- fa.* Die Mittelmeer-Staaten: Marokko, Algier, Tunis, Tripolis.
- fb.* Nordost-Afrika: Egypten und Nilthal bis 10° N. Br.; Abessinien; afrikanische Küste des Rothen Meeres.
- fc.* Die Sahara und der französische Sudan; Darfur etc.
- fd.* West-Afrika, von Marokko bis zum Kongo.
- fe.* Kongo-Staat und Angola.
- ff.* Ostafrika, von der südlichen Grenze von *fb.* bis zum Sambesi; Sokotra.
- fg.* Süd-Afrika, südlich des Sambesi und der Grenze zwischen.
- fh.* Madagaskar und Komoren.
- fi.* Das Rothe Meer mit seinen Inseln.

g. NORD-AMERIKA.

- ga.* Alaska.
- gb.* Canada als Ganzes.
- gc.* West-Canadisches Gebiet: Yukon, Britisch-Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.
- gd.* Ost-Canadisches Gebiet; Neufundland.
- ge.* Gebiet der Laurentischen Seen.
- gf.* Vereinigte Staaten als Ganzes.
- gg.* Nordosten der Vereinigten Staaten, östlich vom Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* Südosten der Vereinigten Staaten, östlich vom Mississippi.
- gi.* Westen der Vereinigten Staaten, westlich vom Mississippi.

h. CENTRAL-AMERIKA, SÜD-AMERIKA, WEST-INDIEN.

- ha.* Mexiko.
- hb.* Central-Amerika: Guatemala, Honduras; Britisch-Honduras; Salvador; Nicaragua; Costa Rica.
- hc.* Westindische Inseln; Caraibisches Meer; Golf von Mexiko.
- hd.* Guyana: Britisch, Niederländisch und Französisch; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brasilien.
- hi.* Argentinien; Uruguay und Paraguay.
- hk.* Chile.
- hl.* Feuerland und benachbarte Inseln; Falkland Inseln.
- hm.* Die Anden.

i. AUSTRALASIEN.

- ia.* Neu-Guinea, nebst Inseln im Osten von Wallace's Linie, einschliesslich Gilolo, Amboina, Ceram.
- ib.* Bismarck-Archipel (Neu-Pommern etc. bis Salomo-Inseln).
- ic.* Australien als Ganzes.
- id.* Queensland.
- ie.* Neu-Süd-Wales.
- if.* Victoria.
- ig.* Süd-Australien.
- ih.* West-Australien.
- ii.* Tasmanien.
- ik.* Neu-Seeland.
- il.* Neu-Caledonien, Neue Hebriden und Loyalty Inseln.

k. ARKTISCHES GEBIET.

- ka.* Der Arktische Ocean.
- kb.* Grönland.
- kc.* Archipel nördlich von Nord-Amerika.
- kd.* Inseln nördlich von Europa und Asien.

l. ATLANTISCHES GEBIET.

- la.* Der Nordatlantische Ocean mit seinen Inseln, soweit sie nicht anderweit eingereiht sind.
- lb.* Azoren; Kanaren; Madeira; Cap Verde.
- lc.* Der Südatlantische Ocean mit seinen Inseln.

m. INDISCHER OCEAN.

- ma.* Ocean und Inseln nördlich vom Aequator.
- mb.* Ocean und Inseln südlich vom Aequator, einschliesslich Maskarenen, Neu-Amsterdam und St. Paul.

n. PACIFISCHES GEBIET.

- na.* Nordpazifischer Ocean (nördlich vom Aequator).
- nb.* Sudpazifischer Ocean (südlich vom Aequator).
- nc.* Berings Meer, nebst Inseln (Aleuten-Archipel etc.).
- nd.* Sandwich-Inseln und zerstreute Gruppen nördlich vom Aequator und östlich vom 180. Grad.
- ne.* Ladronen-, Palau-, Carolinen- und Marshall-Gruppen, nebst andern Inseln nördlich vom Aequator und Westlich vom 180. Grad.
- nf.* Fidschi-Inseln, Freundschafts-Inseln, Samoa, Ellice-Inseln, Phönix-Inseln etc., westlich vom Meridian 160° W. L.
- ng.* Galapagos-Inseln.
- nh.* Gesellschafts-Inseln, Niedrige Inseln, Marquesas- und andere Inseln des südlichen Pacifischen Oceans, östlich vom Meridian 160° W. L.

o. ANTARCTISCHES GEBIET.

- oa.* Der Antarktische Kontinent als Ganzes.
- ob.* Sud-Georgien, Sandwich-Gruppen, und andere Inseln südlich vom südatlantischen Gebiet.
- oc.* Prince Edward-Insel, Crozet-Inseln, Kerguelen- und andere Inseln südlich vom Indischen Ocean.
- od.* Inseln südlich und südöstlich von Neu-Seeland, und Gebiet südlich des Pacifischen Oceans.

Catalogue International de la Littérature Scientifique.

CLASSIFICATION TOPOGRAPHIQUE.

[Cette classification sera appliquée à la géographie, à la géologie, à la botanique, à la zoologie, etc.]

I.—GRANDES DIVISIONS.

- a.* Données d'ensemble relatives au globe terrestre.
- b.* Données d'ensemble relatives aux continents.
- c.* Données d'ensemble relatives aux océans.
- d.* Europe et îles méditerranéennes.
- e.* Asie et Archipel Malais, Célèbes et Timor inclus.
- f.* Afrique et Madagascar.
- g.* Amérique du Nord [en prenant comme limite celle qui sépare les Etats-Unis du Mexique].
- h.* Le Mexique, Amérique centrale et méridionale avec les Antilles.
- i.* Australie, Tasmanie et Nouvelle Zélande avec la Nouvelle Guinée, Gilolo et les Moluques à l'ouest, les îles Salomon, les Nouvelles Hébrides et la Nouvelle Calédonie à l'est.
- k.* Régions arctiques : Groenland et surface polaire s'étendant des côtes américaines, asiatiques et européennes à l'extrême nord.
- l.* Atlantique avec les îles comprises entre le cercle polaire arctique et le 45° de lat. S. Partie sud de l'Atlantique limitée à l'est par le méridien 20° E. (Greenwich), au sud de l'Afrique ; et à l'ouest par le côte de l'Amérique du sud.
- m.* Océan Indien avec les îles situées dans l'espace limité dans le sud par le 45° de lat. S. ; à l'ouest par le méridien 20° E. (Greenwich) ; dans l'est par la côte australienne et le méridien 147° E. (Greenwich).
- n.* Le Pacifique avec les îles comprises, en latitude, du cercle polaire arctique au 45° de lat. S. ; en longitude, du méridien 147° E. (Greenwich) à la côte de l'Amérique du sud.
- o.* Régions antarctiques : depuis le 45° de lat. S., moins les Falkland, la pointe sud de l'Amérique méridionale et la Nouvelle Zélande, mais en y comprenant les îles St. Paul et Nouvelle Amsterdam.

N.B. - En général les îles qui se trouvent à plus de 160 à 185 kilomètres du continent sont classées comme îles océaniques, à moins que le contraire ne soit stipulé spécialement.

II.—SUBDIVISIONS.

d. EUROPE ET ÎLES MÉDITERRANÉENNES.

- da.* Scandinavie : Suède, Norvège, Danemark, Islande, îles Feroë.
- db.* Russie d'Europe.
- dc.* Empire Germanique.
- dd.* Hollande ; Belgique ; Luxembourg.
- de.* Îles Britanniques.
- df.* France et Corse.
- dg.* Espagne et Portugal.
- dh.* Italie ; Sicile et Sardaigne.
- di.* Suisse.
- dk.* Autriche-Hongrie (Bosnie et Herzégovine inclus).
- dl.* Péninsule Balkanique (Turquie d'Europe, Roumanie, Bulgarie, Serbie, Monténégro et Grèce).
- dm.* Méditerranée avec ses îles (moins la Sicile, la Sardaigne, et la Corse).
- dn.* Mer Noire.
- do.* La Baltique et ses îles.

e. ASIE ET ARCHIPEL MALAIS.

- ea.* Asie russe.
- eb.* Chine et dépendances ; Thibet ; Corée.
- ec.* Archipel du Japon ; Formose.
- ed.* Cochinchine. Tonkin. Annam. Cambodge.
- ee.* Siam.
- ef.* Indes Britanniques : Himalaya ; Burma, Ceylan.
- eg.* La Péninsule Malaise depuis l'isthme de Kra ; et l'Archipel Malais jusqu'à la ligne séparative de Wallace, y compris Célèbes, Timor, les Philippines et la Mer de Chine.
- eh.* Perse ; Afghanistan ; Bélouchistan.
- ei.* Turquie d'Asie ; Arabie.
- ek.* Mer Caspienne.
- el.* Golfe persique.

f. AFRIQUE ET MADAGASCAR.

- fa.* Pays méditerranéens : Maroc, Algérie, Tunisie, Tripoli.
- fb.* N.E. Africain ; Egypte et la vallée du Nil depuis le 10° de lat. N. ; Abyssinie ; côte africaine de la Mer Rouge.
- fc.* Le Sahara et le Soudan français ; Darfour, etc.
- fd.* Ouest africain, du Maroc au Congo.
- fe.* Etat du Congo et Angola.
- ff.* Est africain, depuis la bordure sud de *fb* au Zambèze, Socotora.

- fg.* Sud africain—Au sud du Zambèze et de la limite entre les possessions portugaises et allemandes du sud-ouest de l'Afrique.
- fh.* Madagascar et groupe des Comores.
- fi.* La Mer Rouge et ses îles.

g. AMÉRIQUE DU NORD.

- ga.* Alaska.
- gb.* Le Canada dans son entier.
- gc.* Puissance du Canada de l'ouest (Yukon, Colombie Britannique, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Puissance du Canada de l'est; Terre neuve.
- ge.* Région des grands lacs laurentiens.
- gf.* États-Unis.
- gg.* États-Unis du Nord-Est, à l'est du Mississipi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvanie, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* États-Unis du sud-est, à l'est du Mississipi.
- gi.* États-Unis de l'ouest, à l'ouest du Mississipi.

h. AMÉRIQUE CENTRALE ET MÉRIDIONALE; INDES OCCIDENTALES.

- ha.* Mexique.
- hb.* Amérique centrale: Guatemala; Honduras; Honduras britannique; Salvador; Nicaragua; Costa Rica.
- hc.* Antilles; Mer Caraïbe; Golfe du Mexique.
- hd.* Guyanes britannique, hollandaise, et française; Vénézuéla; île de Trinité.
- he.* Colombie. Ecuador.
- hf.* Pérou.
- hg.* Bolivie.
- hh.* Brésil.
- hi.* République Argentine; Uruguay et Paraguay.
- hk.* Chili.
- hl.* Terre de feu et îles voisines; les Falkland (Malouines).
- hm.* Les Andes.

i. AUSTRALIE.

- ia.* Nouvelle Guinée avec les îles de la ligne séparative de Wallace, en y comprenant Gilolo, Amboine, Ceram.
- ib.* Archipel de Bismarck (Nouvelle Bretagne avec les les Salomon).
- ic.* L'Australie en son entier.
- id.* Queensland.
- ie.* Nouvelle Galles du sud.
- if.* Victoria.
- ig.* Australie du sud.

- ih.* Australie occidentale.
- ii.* Tasmanie.
- ik.* Nouvelle Zélande.
- il.* Nouvelle Calédonie, Nouvelles Hébrides et les îles Loyauté.

k. RÉGIONS ARCTIQUES.

- ka.* Océan arctique.
- kb.* Groenland.
- kc.* Archipel nord de l'Amérique du Nord.
- kd.* Îles au nord d'Europe et d'Asie (Spitzberg, etc.).

l. ATLANTIQUE.

- la.* Océan Atlantique septentrional, et les îles qui n'ont pas encore été spécifiées.
- lb.* Açores; Canaries; Madère; Cap Vert.
- lc.* Atlantique méridional et ses îles.

m. OCÉAN INDIEN.

- ma.* Océan et les îles au nord de l'Equateur.
- mb.* Océan et les îles au sud de l'Equateur, avec les Mascareignes et les îles Amsterdam et St. Paul.

n. PACIFIQUE.

- na.* Pacifique septentrional (au nord de l'Equateur).
- nb.* Pacifique méridional (au sud de l'Equateur).
- nc.* Mer de Behring et ses îles (Aléoutiennes . . . etc.).
- nd.* Îles Sandwich, avec les groupes situés au nord de l'Equateur et à l'est du 180°.
- ne.* Mariannes, Pelew, archipel des Carolines et de Marshall, avec les autres îles situées au nord de l'Equateur et à l'ouest du 180°.
- nf.* Îles Fidji, îles des Amis (Tonga, Samoa, Ellice, Phénix et autres) situées à l'ouest du méridien 160° O. (Greenwich).
- ng.* Îles Galapagos.
- nh.* Îles de la Société, Pomoutou, Marquises et autres îles du Pacifique méridional à l'est du méridien 160° O. (Greenwich).

o. RÉGIONS ANTARCTIQUES.

- oa.* Continent antarctique dans son entier.
- ob.* Géorgie du Sud, groupe des Sandwichs et autres îles au S. de l'Atlantique méridional.
- oc.* Îles du Prince Edouard, Crozet, Kerguelen et autres îles au S. de l'Océan Indien.
- od.* Îles au sud et au sud-est de la Nouvelle Zélande et régions méridionales du Pacifique.

Catalago Internazionale della Letteratura Scientifica.

I.—CLASSIFICAZIONE TOPOGRAFICA.

[Da usarsi in rapporto con la Geografia, Geologia, Botanica, Zoologia, ecc.]

1. —DIVISIONI PRINCIPALI.

- a.* La Terra nel suo complesso.
- b.* Le terre emerse.
- c.* L' oceano nel suo complesso.
- d.* Europa e Isole del Mediterraneo.
- e.* Asia e Arcipelago Malese, comprese Celebes e Timor.
- f.* Africa e Madagascar.
- g.* America settentrionale fino al limite tra gli Stati Uniti e il Messico.
- h.* Messico, America Centrale e Meridionale, e Indie Occidentali.
- i.* Australia. Tasmania e Nuova Zelanda colla Nuova Guinea, Gilolo e Molucche verso Ponente, le Salomone, le Nuove Ebridi e la Nuova Caledonia verso Levante.
- k.* Regione Artica: Groenlandia e l' area a Nord del Circolo Polare, ovvero a Nord delle coste dell' America continentale, dell' Asia e dell' Europa.
- l.* L' Atlantico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., limitato nella sua parte meridionale oltre la costa Africana dal 20° E. da Greenwich, ad Est; e dalla costa dell' America meridionale ad Ovest.
- m.* L' Oceano Indiano e le sue Isole, limitato a sud dal 45° di Lat. S., a Ponente del meridiano 20° E. di Greenwich; a Levante dalla costa dell' Australia e dal 147° E. da Greenwich.
- n.* Il Pacifico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., e tra il 147° meridiano E. da Greenwich e le coste dell' America meridionale.
- o.* Regione Antartica: cioè l' area meridionale limitata dal 45° S., eccetto le Isole Falkland e le parti meridionali dell' America del Sud e della Nuova Zelanda; comprendendovi però le isole di Nuova Amsterdam e S. Paolo.

N.B.—Come regola generale, le isole lontane più di 100 miglia inglesi (160 chilometri) dal continente devono essere classificate come oceaniche, salvo speciali eccezioni.

2.—SUDDIVISIONI.

d. EUROPA E ISOLE DEL MEDITERRANEO.

- da.* Scandinavia : Svezia, Norvegia, Danimarca, Islanda, Fär Öer.
- db.* Russia Europea.
- dc.* Impero Germanica.
- dd.* Olanda ; Belgio ; Lussemburgo.
- de.* Isole Britanniche.
- df.* Francia e Corsica.
- dg.* Spagna e Portogallo.
- dh.* Italia : Sicilia e Sardegna.
- di.* Svizzera.
- dk.* Austria-Ungheria (comprese Bosnia ed Erzegovina).
- dl.* Penisola, Balcanica (Turchia Europea, Rumania, Bulgaria, Serbia, Montenegro e Grecia).
- dm.* Mediterraneo e Isole (salvo la Sicilia, la Sardegna e la Corsica).
- dn.* Mar Nero.
- do.* Il Baltico e le sue Isole.

e. ASIA E ARCIPELAGO MALESE.

- ea.* Russia Asiatica.
- eb.* Cina e dipendenze : Tibet ; Corea.
- ec.* Isole del Giappone ; Formosa.
- ed.* Coccincina : Tonchino, Annam.
- ee.* Siam.
- ef.* India Britannica : Himalaya ; Birmania ; Ceylon.
- eg.* Penisola Malese dall' Istmo di Kra e Arcipelago Malese fino alla linea, di Wallace, comprendovi Celebes e Timor colle Filippine e il Mar della Cina.
- eh.* Persia ; Afghanistan ; Belucistan.
- ei.* Turchia Asiatica ; Arabia.
- ek.* Il Caspio.
- el.* Golfo Persica.

f. AFRICA E MADAGASCAR.

- fa.* Stati Mediterranei—Marocco, Algeri, Tunisi, Tripoli.
- fb.* Africa del N.E. ; Egitto e Vallata del Nilo fino al 10° di Lat. N. ; Abissinia ; Coste dell' Africa sul Mar Rosso.
- fc.* Sahara e Sudan Francese ; Darfur, ecc.
- fd.* Africa occidentale dal Marocco al Congo.
- fe.* Stato del Congo e Angola.
- ff.* Africa orientale dal limite indicato in *fb* al Zambesi ; Socotra.
- fg.* Africa australe dal Zambesi e dal confine tra l' Africa Portoghese e l' Africa Germanica del S.W.
- fh.* Madagascar e Gruppo delle Comoro.
- fi.* Il Mar Rosso e le sue Isole.

g. AMERICA SETTENTRIONALE.

- ga.* Alaska.
- gb.* Il Canada in generale.
- gc.* Dominio del Canada occidentale (Yukon, Columbia Britannica, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Dominio del Canada orientale; Terranova.
- ge.* I Laghi Laurenziana.
- gf.* Gli Stati Uniti in generale.
- gg.* Stati Uniti del Nord-Est, ad E. del Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* Stati Uniti del Sud-Est, ad E. del Mississippi.
- gi.* Stati Uniti occidentali, ad W. del Mississippi.

h. AMERICA CENTRALE E MERIDIONALE E INDIE OCCIDENTALI

- ha.* Messico.
- hb.* America Centrale; Guatemala; Honduras; Honduras Britannico; Salvador; Nicaragua; Costa Rica.
- hc.* Indie occidentali; Mar dei Caribi; Golfo del Messico.
- hd.* Guaiana—Britannica, Olandese e Francese; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Perù.
- hg.* Bolivia.
- hh.* Brasile.
- hi.* Argentina; Uruguay e Paraguay.
- hk.* Cile.
- hl.* Terra del Fuoco e Isole vicine; Isole Falkland.
- hm.* Le Ande.

i. AUSTRALIA E OCEANIA.

- ia.* Nuova Guinea colle Isole dalla linea di Wallace, comprendendovi Gilolo (Halmahera) Amboina, Seram.
- ib.* Arcipelago di Bismarck (Nuova Britannia. ecc., fino alle Solomone inclusivamente).
- ic.* Australia in generale.
- id.* Queensland.
- ie.* Nuova Galles del Sud.
- if.* Victoria.
- ig.* Australia meridionale.
- ih.* Australia occidentale.
- ii.* Tasmania.
- ik.* Nuova Zelanda.
- il.* Nuova Caledonia, Nuove Ebridi, e Isole Loyalty.

k. REGIONE ARTICA.

- ka.* Oceano Artico.
- kb.* Groenlandia.
- kc.* Arcipelago Nord Americano.
- kd.* Isole a N. dell' Europa e dell' Asia.

l. OCEANO ATLANTICO.

- la.* Oceano Atlantico settentrionale e sue Isole, non indicato altrove.
- lb.* Azorre; Canarie; Madera; Isole del Capo Verde.
- lc.* Atlantico meridionale e sue Isole.

m. OCEANO INDIANO.

- ma.* Oceano e Isole a Nord dell' Equatore.
- mb.* Oceano e Isole a Sud dell' Equatore, comprendendovi le Mascarene, Amsterdam e S. Paolo.

n. OCEANO PACIFICO.

- na.* Pacifico del Nord (a N. dell' Equatore).
- nb.* Pacifico del Sud (a S. dell' Equatore).
- nc.* Mar di Behring e sue Isole (Aleutine, ecc.).
- nd.* Isole Sandwich e Gruppi sparsi a N. dell' Equatore e ad E. del 180°.
- ne.* Isole dei Ladroni, Pelew, Caroline e Marshall, con altre Isole a N. dell' Equatore e ad ovest del 180°.
- nf.* Isole Figi, degli Amici, Samoa, Ellice, Fenice, ecc., ad ovest del 160° W. di Greenwich.
- ng.* Isole Galapagos.
- nh.* Isole della Società, Arcipelago di Low, Marchesi e altre Isole del Pacifico meridionale, ad Est del meridiano 160° W. da Greenwich.

o. REGIONE ANTARTICA.

- oa.* Regione antartica in generale.
- ob.* Georgia australe, Gruppo delle Sandwich e altre Isole a Sud dell' Atlantico meridionale.
- oc.* Isole del Principe Edoardo, Crozets, Kerguelen e altre Isole a Sud dell' Oceano Indiano.
- od.* Isole a Sud e a Sud-Est della Nuova Zelanda e Regione a Sud del Pacifico.

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INSTRUCTIONS.

The present volume consists of three parts :—

- (a) Schedules and Indexes in four languages.
- (b) An Author Catalogue.
- (c) A Subject Catalogue.

The Subject Catalogue begins with general headings 0000 to 0200. It is then divided into palaeozoology and palaeobotany. Each of these main divisions is sub-divided into three sections. The first section gives the books or papers arranged according to strata ; in the second section the arrangement is according to fossils ; while the third section gives a list of new genera and species.

At the end of the Subject Catalogue there is a list of new specific and generic names.

In order to find the papers dealing with a particular subject the reader may either consult the Schedule or the Index to the Schedule. The numbers given in the index are Registration numbers, and can be used at once for turning to the proper page of the Subject Index. This is done by looking at the numbers at the outer top corners of the pages.

If the reader remember the name of the author of a paper on a given subject, he will probably find it convenient to refer to the Author Catalogue rather than to the Subject Catalogue.

In the Author Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of the volume.

The literature indexed is mainly that of 1904, but includes those portions of the literature of 1901, 1902 and 1903 in regard to which the index slips were received by the Central Bureau too late for inclusion in the previous volumes. A few of the entries are dated 1905

TOPOGRAPHICAL SYMBOLS.

Many of the sections are sub-divided into a number of sub-sections by means of topographical symbols. These symbols are letters printed in italics, and they are explained by the Topographical Classification contained in the volume. The topographical symbols are not intended to be used instead of registration numbers.

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International Catalogue of Scientific Literature.

(K) PALÆONTOLOGY.

- 0000 Philosophy.
- 0010 History. Biography.
- 0020 Periodicals. Reports of Institutions, Societies, Congresses, etc.
- 0030 General Treatises, Text Books, Dictionaries, Bibliographies, Tables.
- 0040 Addresses, Lectures.
- 0050 Pedagogy.
- 0060 Institutions, Museums, Collections, Economics.
- 0070 Nomenclature.
- 0100 Distribution of Life (Animal and Vegetable) in Past Times.
- 0150 Zonal Palæontology; Mutations (Changes of Form in Successive Strata), etc.
- 0200 Evolution. (See also L 4300; N 0223; M 4400.)

The numerical symbol to be used for Palæontological books and papers is obtained by a combination of the Geological stratigraphical number (two figures), with a number (four figures) representing the subdivision of the animal or vegetable kingdom to which the fossil forms described belong. Thus a paper on Triassic Cephalopoda will have the symbol K 65.2231, one on Carboniferous ferns will be numbered K 55.6700.

The numbers for Zoological sub-divisions are identical with those used in the Zoological schedule. The numbers for Botanical sub-divisions are identical with those used in the Botanical schedule.

The alphabetical symbols for Topography can be added, if necessary. In this case a paper on Cretaceous Fishes from Asiatic Turkey would bear the symbol K 75.5431 *ei*.

Palaeobotany.		35	50	55	65	70	75	85	90	95
5000	General Palaeobotany	...	...	...	...	...	...	...	...	...
5400	Dicotyledons	...	...	...	...	...	...	...	...	...
6000	Monocotyledons	...	...	...	...	...	...	...	...	...
6500	Gymnosperms	...	...	...	...	...	...	...	...	...
6700	Vascular Cryptogams	...	...	...	...	...	...	...	...	...
7000	Mosses and Hepaticae	...	...	...	...	...	...	...	...	...
7300	Characeae	...	...	...	...	...	...	...	...	...
7400	Algae and Schizophyceae	...	...	...	...	...	...	...	...	...
7600	Lichens	...	...	...	...	...	...	...	...	...
7700	Fungi, Bacteria, and Mycetozoa	...	...	...	...	...	...	...	...	...
7900	Plants of unascertained position	...	...	...	...	...	...	...	...	...



Catalogue International de la Littérature scientifique.

(K) PALÉONTOLOGIE.

- 0000 Philosophie.
- 0010 Histoire. Biographie.
- 0020 Périodiques. Rapports d'Institutions, de Sociétés, de Congrès, etc.
- 0030 Traités généraux, Manuels, Dictionnaires, Bibliographies, Tables.
- 0040 Discours, Lectures et Conférences.
- 0050 Enseignement.
- 0060 Institutions, Musées, Collections. Applications pratiques.
- 0070 Nomenclature.
- 0100 Distribution géographique des animaux et des plantes dans les temps passés.
- 0150 Paléontologie stratigraphique; changements de formes dans les couches successives.
- 0200 Evolution. (*Voy. aussi* L 4300 ; N 0223 ; M 4400.)

Le symbole numérique qui devra être employé pour les livres et mémoires paléontologiques est obtenu par une combinaison du nombre stratigraphique (2 chiffres) avec un nombre (4 chiffres) représentant la subdivision du règne animal ou végétal à laquelle appartient la forme fossile décrite. Ainsi un mémoire sur les Céphalopodes triasiques devra porter l'indice K 65.2231; un mémoire sur les Fougères carbonifères portera l'indice K 55.6700.

Les nombres pour les subdivisions zoologiques sont identiques à ceux qui sont employés dans la classification zoologique. Les nombres pour les subdivisions botaniques sont identiques à ceux qui sont employés dans la classification botanique.

Les symboles alphabétiques pour la Topographie peuvent être ajoutés, si c'est nécessaire. Dans ce cas un mémoire sur les Poissons crétacés de la Turquie d'Asie porterait le symbole K 75.5431 *ei*.

6

[illegible]

Paléobotanique ou Paléontologie botanique.		35	50	55	65	70	75	85	90	95
5000	Paléobotanique générale	...	...	...	...	...	...	...	...	...
5400	Dicotylédones ...	...	...	...	...	...	...	...	...	...
6000	Monocotylédones ...	...	...	...	...	...	...	...	...	...
6500	Gymnospermes ...	...	...	...	...	...	...	...	...	...
6700	Cryptogames vasculaires	...	...	...	...	...	...	...	...	...
7000	Mousses et hépatiques	...	...	...	...	...	...	...	...	...
7300	Characées ...	...	...	...	...	...	...	...	...	...
7400	Algues et Schizophycées	...	...	...	...	...	...	...	...	...
7600	Lichens ...	...	...	...	...	...	...	...	...	...
7700	Champignons, Bactéries, et Mycétozoaires	...	...	...	...	...	...	...	...	...
7900	Plantes incertae sedis	...	...	...	...	...	...	...	...	...

50.5000	55.5'80	65.5000	70.5000	75.5000	85.5000	90.5000	95.5000
50.5400	55.5400	65.5400	70.5400	75.5400	85.5400	90.5400	95.5400
50.6000	55.6000	65.6000	70.6000	75.6000	85.6000	90.6000	95.6000
50.6500	55.6500	65.6500	70.6500	75.6500	85.6500	90.6500	95.6500
50.6700	55.6700	65.6700	70.6700	75.6700	85.6700	90.6700	95.6700
50.7000	55.7000	65.7000	70.7000	75.7000	85.7000	90.7000	95.7000
50.7300	55.7300	65.7300	70.7300	75.7300	85.7300	90.7300	95.7300
50.7400	55.7400	65.7400	70.7400	75.7400	85.7400	90.7400	95.7400
50.7600	55.7600	65.7600	70.7600	75.7600	85.7600	90.7600	95.7600
50.7700	55.7700	65.7700	70.7700	75.7700	85.7700	90.7700	95.7700
50.7900	55.7900	65.7900	70.7900	75.7900	85.7900	90.7900	95.7900

Internationaler Katalog der naturwissenschaftlichen Litteratur.

(K) PALÄONTOLOGIE.

- 0000 Philosophie.
- 0010 Geschichte. Biographien.
- 0020 Periodica. Berichte von Instituten, Gesellschaften, Congressen etc.
- 0030 Allgemeine Abhandlungen, Lehrbücher, Wörterbücher, Bibliographien, Tabellen.
- 0040 Festreden, Vorträge.
- 0050 Pädagogik.
- 0060 Institute, Museen, Sammlungen, Wirthschaftliches und Organisatorisches.
- 0070 Nomenclatur.
- 0100 Vertheilung des Lebens (des thierischen und pflanzlichen) in vergangenen Zeiten.
- 0150 Zonare Paläontologie; Mutationen (Formenänderungen in auf einander folgenden Schichten) etc.
- 0200 Entwicklung. (*Siehe auch* L 4300; N 0223; M 4400.)

Das Zahlensymbol, welches für paläontologische Bücher und Schriften zu benutzen ist, wird gewonnen durch Combination der stratigraphischen geologischen Nummer (zwei Ziffern) mit einer vierziffrigen Zahl, welche die Unterabtheilung des Thier- oder Pflanzenreiches angiebt, zu der die beschriebenen fossilen Formen gehören. So würde eine Abhandlung über triassische Cephalopoden das Symbol erhalten: K 65.2231; eine solche über Farne des Carbon würde zu numeriren sein: K 55.6700.

Die Nummern für die zoologischen Unterabtheilungen sind identisch mit den im zoologischen Schema benutzten. Die Nummern für die botanischen Unterabtheilungen sind identisch mit den im botanischen Schema benutzten.

Wenn nöthig, können die alphabetischen Symbole für Topographie hinzugefügt werden. In diesem Falle würde eine Abhandlung über Fische der Kreide aus der asiatischen Türkei das Symbol tragen: K 75.5431 *ei*.

Palaeozoologie.									
	Allgemeines, einsch. Gehört zu	Unter Palaeozoologie	Obere Palaeozoologie	Tier	Pfl.	Klebe.	Tierwelt, einz.	Obere Tierwelt, einz.	Obere Tierwelt, einz.
0031	Allgemeine Palaeozoologie	..	..	..	..	..	..	..	..
0032	Foriferata	..	..	..	..	..	..	..	..
0033	Mammalia	..	..	..	..	..	..	..	..
0034	Aves	..	..	..	..	..	..	..	..
0035	Reptilia und Batracelila	..	..	..	..	..	..	..	..
0036	Pisces	..	..	..	..	..	..	..	..
0037	Tunicata, Amphioxus, &c.	..	..	..	..	..	..	..	..
0038	Arthropoda, einsch., Insecta	..	..	..	..	..	..	..	..
0039	Myriopoda	..	..	..	..	..	..	..	..
0040	Arachnida	..	..	..	..	..	..	..	..
0041	Xiphosura, Buriferida, Trilobita, &c.	..	..	..	..	..	..	..	..
0042	Crustacea	..	..	..	..	..	..	..	..
0043	Mollusca einsch., Cephalopoda, Gastropoda, bivalvia (Pelecypoda)	..	..	..	..	..	..	..	..
0044	Amphineura, Scaphopoda und Lamellibranchiata (Pelecypoda)	..	..	..	..	..	..	..	..
0045	Brachiopoda, einsch., Bryozoa (Polyzoa)	..	..	..	..	..	..	..	..
0046	Vermes	..	..	..	..	..	..	..	..
0047	Rechinostomata	..	..	..	..	..	..	..	..
0048	Cnidaria, einsch., Graptolithoides	..	..	..	..	..	..	..	..
0049	Porifera	..	..	..	..	..	..	..	..
0050	Protozoa	..	..	..	..	..	..	..	..
0051	Fossilien zweifelhafter Stellung und Herkunft	..	..	..	..	..	..	..	..

Pflanzenpaläontologie.		35	50	55	65	70	75	85	90	95
5000	Allgemeine Pflanzenpaläontologie	...	...	...	65. 5000	70. 5000	75. 5000	85. 5000	90. 5000	95. 5000
5400	Dicotyledonen	...	...	...	55. 5400	70. 5400	75. 5400	85. 5400	90. 5400	95. 5400
6000	Monocotyledonen...	...	...	...	55. 6000	70. 6000	75. 6000	85. 6000	90. 6000	95. 6000
6500	Gymnospermen	...	...	...	55. 6500	70. 6500	75. 6500	85. 6500	90. 6500	95. 6500
6700	Gefäß-Cryptogamen	...	...	...	55. 6700	70. 6700	75. 6700	85. 6700	90. 6700	95. 6700
7000	Laubmoose und Lebermoose	...	...	...	55. 7000	70. 7000	75. 7000	85. 7000	90. 7000	95. 7000
7300	Characeæ	...	...	...	55. 7300	70. 7300	75. 7300	85. 7300	90. 7300	95. 7300
7400	Algen (einschl. der Schizophyceen).	...	...	...	55. 7400	70. 7400	75. 7400	85. 7400	90. 7400	95. 7400
7600	Flechten	...	...	...	55. 7600	70. 7600	75. 7600	85. 7600	90. 7600	95. 7600
7700	Pilze (einschl. der Bacterien und Schleimpilze)	...	...	...	55. 7700	70. 7700	75. 7700	85. 7700	90. 7700	95. 7700
7900	Pflanzen ungewisser Stellung	...	...	...	55. 7900	70. 7900	75. 7900	85. 7900	90. 7900	95. 7900

Catalogo Internazionale della Letteratura Scientifica.

(K) PALEONTOLOGIA.

- 0000 Filosofia.
- 0010 Storia. Biografia.
- 0020 Periodici. Resoconti di Istituti, Società, Congressi, ecc.
- 0030 Trattati generali, Manuali, Dizionari, Bibliografie, Indici.
- 0040 Relazioni, Letture.
- 0050 Pedagogia.
- 0060 Istituti, Musei, Collezioni, Applicazioni pratiche.
- 0070 Nomenclatura.
- 0100 Distribuzione della Vita (Animale e Vegetale) nei passati tempi.
- 0150 Paleontologia Stratigrafica ; Mutazioni (Cambiamenti di forma in strati successivi), ecc.
- 0200 Evoluzione. *Vedi anche* L 4300 ; N 0223 ; M 4400.

Il simbolo numerico da usarsi per libri e memorie paleontologiche è ottenuto colla combinazione del numero Stratigrafico-Geologico (per due cifre) col numero (quattro cifre) rappresentante la suddivisione del regno animale o vegetale al quale le descritte forme fossili appartengono. Così una memoria sopra Cefalopodi triassici avrà il simbolo K 65.2231; una sovra Felci carbonifere sarà numerata K 55.6700.

I numeri per le suddivisioni zoologiche sono identici con quelli usati nella schedula zoologica. I numeri per le suddivisioni botaniche sono identici con quelli usati nella schedula botanica.

I simboli alfabetici per la Topografia possono venir aggiunti, ove necessario. In tal caso una nota sovra Pesci Cretacei della Turchia Asiatica porterà il simbolo K 75.5431 *ei*.

Paleobotanica (Paleofitologia).										35	50	55	65	70	75	85	90	95
5000	Paleobotanica generale	...	...	...	...	...	...	...	...	35. 5000	50. 5000	55. 5000	65. 5000	70. 5000	75. 5000	85. 5000	90. 5000	95. 5000
5400	Dicotiledoni...	...	...	...	...	...	...	...	...	35. 5400	50. 5400	55. 5400	65. 5400	70. 5400	75. 5400	85. 5400	90. 5400	95. 5400
6000	Monocotiledoni	...	...	...	...	...	...	...	...	35. 6000	50. 6000	55. 6000	65. 6000	70. 6000	75. 6000	85. 6000	90. 6000	95. 6000
6500	Gimnosperme	...	...	...	...	...	...	...	...	35. 6500	50. 6500	55. 6500	65. 6500	70. 6500	75. 6500	85. 6500	90. 6500	95. 6500
6700	Crittogame Vascolari	...	...	...	...	...	...	...	...	35. 6700	50. 6700	55. 6700	65. 6700	70. 6700	75. 6700	85. 6700	90. 6700	95. 6700
7000	Muschi ed Epatiche	...	...	...	...	...	...	...	...	35. 7000	50. 7000	55. 7000	65. 7000	70. 7000	75. 7000	85. 7000	90. 7000	95. 7000
7300	Caracee	...	...	...	...	...	...	...	...	35. 7300	50. 7300	55. 7300	65. 7300	70. 7300	75. 7300	85. 7300	90. 7300	95. 7300
7400	Alghe e Schizophyce	...	...	...	...	...	...	...	...	35. 7400	50. 7400	55. 7400	65. 7400	70. 7400	75. 7400	85. 7400	90. 7400	95. 7400
7600	Licheni	...	...	...	...	...	...	...	...	35. 7600	50. 7600	55. 7600	65. 7600	70. 7600	75. 7600	85. 7600	90. 7600	95. 7600
7700	Funghi, Batteri e Micetozoi	...	...	...	...	...	...	...	...	35. 7700	50. 7700	55. 7700	65. 7700	70. 7700	75. 7700	85. 7700	90. 7700	95. 7700
7900	Plante di non accertata posizione	35. 7900	50. 7900	55. 7900	65. 7900	70. 7900	75. 7900	85. 7900	90. 7900	95. 7900

AUTHOR CATALOGUE.

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Scharff, R. F. Bear remains in a bog. Irish Nat., Dublin, 1904, (30).

——— Were the Irish elk and the reindeer contemporaneous in Ireland? Irish Nat., Dublin, 1904, (98, 99).

Sheppard, T. Tooth of a bear from Bridlington. Hull Mus. Publ., 20, 1904, (24, 25, with fig.).

——— Fossil walrus tusk [Kelsey Hill]. Hull Mus. Publ., 22, 1904, (24).

——— Remains of the lion in East Yorkshire. Naturalist, London, 1904, (102-104, with fig.).

——— Remains of the bear in East Yorkshire. Naturalist, London, 1904, (142, 143, with fig.).

dh Italy.

Flores, Eduardo. Nuovi avanzi di *Ursus spelaeus* Blum. del Buco del Piombo sopra Erba (Como). Riv. ital. paleont., Bologna, 9, 1903, (10-11).

——— La grotta oasifera di Palinuro, stazione neolitica. Riv. ital. speleol., Bologna, 1, 1903, (1-7, con 2 fig.).

di Switzerland.

Kollmann, J. Der Dachsenbüel, eine Höhle aus früh-neolithischer Zeit. . . . [In: Kanton Schaffhausen. Die . . . gefundenen Skelettreste des Menschen.] N. Denkschr. Schweiz. Ges. Natw., Zürich, 39, 1903, (35-126, mit 4 Taf. u. 11 Fig.).

Nüesch, Jacob. Der Dachsenbüel, Eine Höhle aus früh-neolithischer Zeit. . . . [In: Kanton Schaffhausen.] N. Denkschr. Schweiz. Ges. Natw., Zürich, 39, 1903, (1-35, mit 2 Taf. u. 3 Fig.).

Renevier, E. L'Élan de Grandcour. Eclogae Geol. Helvet., Lausanne, 8, 1903, (46).

Stingelin, Theodor. Über ein im Museum zu Olten aufgestelltes Kraniaum von *Elephas primigenius* Blumenbach. Basel, Abh. Schweiz. Pal. Ges., No. 5, 29, 1902, (9, mit 2 Taf. u. 1 Fig.).

Strübin, K. Ueber das Vorkommen eines Mammutbackenzahnes in der Hochterasse oberhalb Liestal. Liestal, Tätigkeitsb. Natf. Ges., 1902-03, 1904, (88).

dk Austria-Hungary.

Kadić, Ottokár. Der diluviale Menech von Krapina. (Ungarisch) Pótf. Term. Közl., Budapest, 33, 1904, (30-37, mit 7 Fig.).

Gross, Endre. Paläontologische Beiträge aus dem siebenbürgischen Becken. (Ungarisch und Deutsch) Kolozsvár, Orv.-term. Ért., 25, (1903), 1904, (196-207).

Terra, Max de. Mitteilungen zum Krapina-Fund unter besonderer Berücksichtigung der Zähne. Schweiz. Vierteljahrsschr. Zahnheilk., Zürich, 13, 1903, Deutscher Teil, (11-31, mit 6 Taf.; 72-94, mit 5 Taf.).

Troll, Oskar Ritter von. *Elephas primigenius* Blum. im Löss von Kledering bei Wien. Wien, Verh. Geol. Rchs-Anst., 1904, (234).

Woldřich, J. N. Der Fund eines *Aceratherium*-Knochens bei Wittingau. (Böhmisch) Prag, Věstn. České Ak. Frant. Jos., 10, 1901, (189-192).

dl Balkan Peninsula.

Sevastos, Romulus. Sur la faune pléistocène de la Roumanie. Paris, Bul. soc. géol., (sér. 4), 3, 1903, (179-182).

dm Mediterranean and Islands.

Bate, D. M. A. . . . Remains of *Elephas cypriotes* from a cave-deposit in Cyprus. London, Phil. Trans. R. Soc., B, 197, 1904, (347-360, with pls.).

e ASIA.

ef British India.

Pilgrim, G[uy] E[llcock]. Rec. Geol. Surv. Ind., Calcutta, 31, pt. 3, 1904, (176-177).

g NORTH AMERICA.*ga* Alaska.

Gandry, Albert. Observations paléontologiques dans l'Alaska. Paris, C.-R. Acad. sci, **137**, 1903, (553-554).

gg North-Eastern United States.

Prentiss, Daniel Webster. Description of an extinct mink [*Lutreola macrodon* n. sp.] from the shell-heaps of the Maine coast. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **26**, 1903, (887-888, with text fig.). Separate. 24.5 cm.

Rhoads, Samuel N[icholson]. The mammals of Pennsylvania and New Jersey. A biographic, historic and descriptive account of the furred animals of land and sea, both living and extinct, known to have existed in these states. . . . Philadelphia (Privately pub.), 1903, (1 + 266, with 9 pls. and fold map). 24 cm.

h SOUTH AMERICA.*hi* Argentina.

Studer, Th. [Eine Anzahl menschlicher und tierischer Knochen aus Feuerland, Süd-Patagonien. Ueberrest von *Neonylodon listaei*.] Bern, Mitt. Natf. Ges., **1903**, (X).

PALAEOZOOLOGY.

B. ZOOLOGICAL CLASSIFICATION.

0431 PROTOZOA.

0431.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Cinetoconia. Renault, B. Autun, Bul. soc. hist. nat., 1903, (Proc.-verb., 25-27).

0431.55 UPPER PALAEOZOIC.

Bigenerina nn. spp. Volz, W. Zur Geologie von Sumatra. Geol. u. palaeont. Abb., Jena, 10, (N.F. 6), H. 2, 1904, (1 + 112, mit 12 Taf. u. 3 Kart.).

Sumatrina (~ *Fusulina*) n. gen. S. annae n. sp. Volz, W. l.c.

Triticites n. gen. (Type, *Miliolites secalicus* Say). Girty, G. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), 17, 1904, (234-240, with text fig.).

0431.60 MESOZOIC (SECONDARY).

Textularidae. Fornasini, C. Roma, Boll. Soc. geol. ital., 22, 1903, (85-96).

0431.70 JURASSIC.

Bulimina gregorii n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., 1904, (N. Ser.), 16, (185-206, with 2 pls.).

Cristellaria. Chapman, F. l.c.

Discorbina rosacea D'Orbigny. Chapman, F. l.c.

Flabellina dilatata Wisniowski. Chapman, F. l.c.

Haplophragmium neocomianum Chapman. Chapman, F. l.c.

Marginulina spp. Chapman, F. l.c.

Polymorphina spp. Chapman, F. l.c.

Textularia crater n. sp. Chapman, F. l.c.

Truncatulina wuellerstorfi Schwager. Chapman, F. l.c.

Vaginulina spp. et n. var. Chapman, F. l.c.

0431.75 CRETACEOUS.

Amphystegina spp. Fornasini, C. Bologna, Rend. Acc. sc., (Nuova Ser.), 7, 1903, (142-145).

Bulimina trigonula n. nom. (= *B. trigona* Terg. var. *inornata*, n. var.). Chapman, F. Cape Town, Ann. S. Afric. Mus., 4, 1904, (224, pl. XXIX, fig. 3).

Cristellaria subalata Reuss. Chapman, F. l.c. (226, pl. XXIX, fig. 10).

Globigerina canaliculata Reuss. Chapman, F. l.c. (229, pl. XXIX, fig. 12).

Haplophragmium neocomianum Chapm. *H. meridionale* n. sp. Chapman, F. l.c. (223, pl. XXIX, fig. 1).

Nodosaria spp. **Chapman**, F. l.c. (225, pl. XXIX, fig. 5).

Pleurostomella subnodosa Reuss. **Chapman**, F. l.c. (224, pl. XXIX, fig. 4).

Polymorphina ? *gibba* D'Orbigny. **Chapman**, F. l.c. (228, pl. XXIX, fig. 11).

Pulvinulina spp. **Chapman**, F. l.c. (230, pl. XXIX, figs. 13, 13A).

Rotalia soldanii d'Orbigny. var. *nitida*. Reuss. **Chapman**, F. l.c. (232, pl. XXIX, figs. 17, 17A).

Truncatulina schloenbachi Reuss. **Chapman**, F. l.c. (229, pl. XXIX, figs. 16, 16A).

Vaginulina spp. **Chapman**, F. l.c. (226, pl. XXIX, fig. 7).

0431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Biloculina paradoxa n. sp. **Wójcik**, K. Kraków, Rozpr. Akad., B, **43**, 1903, (489-569); deutsches Rés.; Kraków, Bull. Intern. Acad., **1903**, (804).

Cristellaria sp. et nn. spp. **Wójcik**, K. l.c. (489-568); l.c. (803).

Miliolina (*Quinqueloculina*) *magna* n. sp. **Wójcik**, K. l.c.

Miliolina (*Triloculina*) sp. **Wójcik**, K. l.c. (489-569). l.c. (798-809)

Nummulites. **Holland**, R. London, Q. J. Geol. Soc. **60**, 1904, (292-295).

—— **Szajnocha**, W. Kosmos, Lwów, **28**, 1903, (299-319).

Rotalia nn. spp. **Wójcik**, K. Kraków, Rozpr. Akad., B, **43**, 1903, (489-569); deutsches Rés.; Kraków, Bull. Intern. Acad., **1903**, (804, pl. XVII).

0431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Amphystegina spp. **Fornasini**, C. Bologna, Rend. Acc. sc., (Nuova Ser.), **7**, 1903, (142-145).

Bigenenerina. **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (358-422).

Bulimina. **Schubert**, R. J. l.c. (358-422).

Cannartiscus marylandicus n. sp. **Martin**, G. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (447-459, with pl.).

Cristellaria. **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (358-422).

Cyclammia. **Schubert**, R. J. l.c.

Cyclammia cancellata. **Silvestri**, A. Roma, Atti Acc. Nuovi Lincei, **56**, 1903, (101-106, estr. 1-6, con fig.).

Eucyrtidium calvertense n. sp. **Martin**, G. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (447-459, with pl.).

Globigerina spp. **Fornasini**, C. Bologna, Rend. Acc. sc., (Nuova Ser.), **7**, 1903, (139-142).

Lithocampe marylandica n. sp. **Martin**, G. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (447-459, with pl.).

Phacodiscus calvertanus n. sp. **Martin**, G. C. l.c.

Plectofrondicularia. **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (358-422).

Polymorphina compressa var. *striata* n. var. **Bagg**, R. M., jun. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (460-483, with pl.).

Ramulina. **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (358-422).

Rhopalodictyum nn. spp. **Martin**, G. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (447-452, with pl.).

Sagrina. **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (358-422).

Sagrina nodosa. **Silvestri**, A. Boll. Naturalista, Siena, **28**, 1903, (129-132, con. fig.).

Sagrina spinosa n. sp. **Bagg**, R. M., jun. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (460-483, with pl.).

Siphogenerina columellaris. **Silvestri**, A. Roma, Atti Acc. Nuovi Lincei, **56**, 1903, (59-66).

Spongasteriscus marylandicus n. sp. **Martin**, G. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (447-459, with pl.).

0431.95 PLEISTOCENE AND RECENT.

Textularidae. **Fornasini**, C. Bologna, Mem. Acc. sc., (Ser. 5), **10**, 1903, (299-314, con tav.).

0631 PORIFERA.

0631.75 CRETACEOUS.

Porosphaera nn. spp. **Hinde**, G. J. London, J. R. Microsc. Soc., **1904**, 1, (23).

0831 COELENTERATA.

0831.50 LOWER PALAEOZOIC.

Bryograptus nn. spp. **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., **7**, 1904, (1 l. + [457]-803, with pl., map, text fig. tables). Separate. 22 cm.

Climacograptus pungens n. sp. **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., **7**, 1904, (1 l. + [457]-803, with pl., text fig. tables). Separate. 29 cm.

Cryptozoon? perkinsi n. sp. **Seely**, H. M. Vermont, Rep. Geol., Burlington, **1903-1904**, 1904, (144-152, with pl.).

Dendrograptus nn. spp. **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., **7**, 1904, (1 l. + [457]-803, with pl., map, text fig. tables). Separate. 29 cm.

Desmograptus intricatus n. sp. **Ruedemann**, R. l.c.

Dicellograptus angulatus n. sp. and sp. **Elles**, G. L. and **Wood**, E. M. R. London, Monogr. Palaeont. Soc., **58**, 1904, (149).

Dicranograptus nn. spp. **Elles**, G. L. and **Wood**, E. M. R. l.c. (170).

Dictyonema nn. spp. **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., **7**, 1904, (1 l. + [457]-803, with pl., map, text fig. tables). Separate. 29 cm.

Didymograptus nn. spp. **Ruedemann**, R. l.c.

Diplograptus nn. spp. **Ruedemann**, R. l.c.

Glossograptus nn. spp. **Ruedemann**, R. l.c.

Goniograptus nn. spp. **Ruedemann**, R. l.c.

Protrochiscolithus n. gen. **Klaar**, J. Kristiania, Skr. Vid. selsk., I, **10**, **1903**. 1903, (58, with 14 pl.).

Ptilograptus tenuissimus n. sp. **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., **7**, 1904, (1 l. + [457]-803, with pl., map, text fig. tables). Separate. 29 cm.

Sigmagraptus n. gen., *S. praecursor* n. sp. **Ruedemann**, R. l.c.

Staurograptus dichotomus var. *apertus* n. var. **Ruedemann**, R. l.c.

Stromatocerium nn. spp. et n. var. **Seely**, H. M. Vermont, Rep. Geol., Burlington, **1903-1904**, 1904, (144-152, with pl.).

Strophograptus n. gen. *S. trichomanes* n. sp. **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., **7**, 1904, (1 l. + [457]-803, with pl., map, text fig. tables). Separate. 29 cm.

Temnograptus noreboracensis n. sp. **Ruedemann**, R. l.c.

Tetragraptus nn. spp. **Ruedemann**, R. l.c.

0831.55 UPPER PALAEOZOIC.

Blothrophyllum houghtoni. **Greene**, G. K. Contribution to Indiana palaeontology. Part XVI. New Albany, Ind., 1903, (156).

Clisiophyllum thildae n. sp. **Angelis** (De) **d'Ossat**, G. Roma, Rend. Acc. Lincei, (Ser. 5), **12**, 1903, 1° sem., (515-521).

Cystiphyllum nn. spp. **Greene**, G. K. Contribution to Indiana palaeontology. Parts XVII, XX. New Albany, Ind., 1904, (169, 170, 202, 203).

Diphyphyllum dilatatum n. sp. **Greene**, G. K. l.c. Part XX. (199).

Favosites clausus sp. *F. louisvillensis* n. sp. **Greene**, G. K. l.c. Parts XVII, XIX. (168, 186).

Haimeophyllum ordinatum. **Greene**, G. K. *l.c.* Part XX. 1904, (198)

Heliophyllum spp. et nn. spp. **Greene**, G. K. *l.c.* Parts XVI, XVIII-XX, 1903-04, (157, 180, 185, 199, 200).

Lithodrumus n. gen. *L. veryi* n. sp. **Greene**, G. K. *l.c.* Part XVII. 1904, (168).

Lonsdaleia nn. spp. **Volz**, W. *Geol. u. palaeont. Abh.*, Jena, **10**, (N.F. **6**), H. 2, 1904, (1 + 112).

Lophophyllum vermiforme Tornquist n. sp. **Tornquist**, [A.] *Leiden, Samml. Geol. Reichsmus.*, (Ser. 1), **8**, [1904], (99-100).

Myriopora (~ *Millestroma*) n. gen. *M. verbeeki* n. sp. **Volz**, W. *Geol. u. palaeont. Abh.*, Jena, **10**, (N.F. **6**), H. 2, 1904, (1 + 112).

Protopora n. gen. *P. cystoides*. **Greene**, G. K. *Contribution to Indiana palaeontology. Part XVII.* New Albany, Ind., 1904, (169).

Tristylotus n. gen. et nn. spp. **Parks**, W. A. *Amer. J. Sci.*, New Haven, Conn., (Ser. 4), **18**, 1904, (135-140, with text fig.).

Zaphrentis nn. spp. **Greene**, G. K. *Contribution to Indiana palaeontology. Parts XVI, XVIII-XX.* New Albany, Ind., 1903-04, (156, 176-179, 186, 187, 198, 201).

0831.70 JURASSIC.

Astrocoenia spp. **Scalia**, S. *Catania, Bull. Acc. Gioenia*, **1903**, (fasc. 76, 33-37, estr. 1-5).

Cycloseris paronae n. sp. **Bellini**, R. *Roma, Boll. Soc. geol. ital.*, **22**, 1902, (418-420).

0831.75 CRETACEOUS.

Alteopora cretacea n. sp. **Felix**, J. *Berlin, Zs. D. geol. Ges.*, **55**, 1903, Aufsätze, (49).

Astrocoenia pygmaea n. sp. **Felix**, J. *l.c.* (54, pl. iii, figs. 4, 5).

Cyclolites chojfati n. sp. **Felix**, J. *l.c.* (48, pl. iii, figs. 2, 3).

Diploctenium affine n. sp. **Felix**, J. *l.c.* (55, pl. iii, figs. 8, 9).

Heterocoenia provincialis. **Janensch**, W. *Berlin, Zs. D. geol. Ges.*, **55**, 1903, Aufsätze, (486-493).

Phyllocoenia transiens n. sp. **Felix**, J. *Berlin, Zs. D. geol. Ges.*, **55**, 1903, Aufsätze, (53, pl. iii, fig. 1).

0831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Aldrichiella n. nom. (= *Aldrichia* Vaughan not Coquille). **Vaughan**, T. W. *Washington, D.C., Proc. Biol. Soc.*, **16**, 1903, (101).

Endopachys Lonsdale (= *Rhectopsammia* Vaughan). **Vaughan**, T. W. *l.c.*

0831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Astrangia (*Coenangia*) *conradi* n. sp. **Vaughan**, T. W. *Maryland Geol. Surv. (Miocene)*, Baltimore, **1904**, (438-447, with pl.).

Hydractinia multispinosa n. sp. **Ulrich**, E. O. *Maryland Geol. Surv. (Miocene)*, Baltimore, **1904**, (433-438, with pl.).

Milleaster n. gen. et nn. spp. **Ulrich**, E. O. *l.c.*

1031 ECHINODERMATA.

1031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Agelacrinus. **Spencer**, W. K. *London, Proc. R. Soc.*, **74**, 1904, (31-46, with pl. figs.).

Palaeodiscus. **Spencer**, W. K. *l.c.*

1031.50 LOWER PALAEOZOIC.

Holocystis papulosus? **Greene**, G. K. *Contribution to Indiana palaeontology. Part XVI.* New Albany, Ind., 1903, (166-167).

1031.55 UPPER PALAEOZOIC.

Actinocrinus multiramosus var. *alidorsatus* n. var. **Greene**, G. K. Contribution to Indiana palaeontology. Part XIX. New Albany, Ind., 1904, (187).

Arachnocrinus extensus. **Greene**, G. K. l.c. Part XVIII. (180).

Batocrinus spp.; nn. spp., nn. varr. **Greene**, G. K. l.c. Parts XVII, XIX. (170-175, 188).

Botryocrinus americanus n. sp. **Greene**, G. K. l.c. Part XVIII. (184).

Ceriocrinus ? *priscus* n. sp. **Greene**, G. K. l.c. Part XVI. 1903, (161).

Dolatocrinus spp. **Greene**, G. K. l.c. Parts XVI, XIX. 1903-04, (157-160, 163-165, 191).

———— nn. spp. **Wood**, E. Washington, D.C., Smithsonian Inst., Misc. Collect., Q., 47, 1904, (56-84, with pl.).

———— *wachsmuthi* n. nom. (= *D. lyoni* Wachsmuth and Springer (name preoccupied by Miller and Gurley)). **Wood**, E. l.c.

Eleutherocrinus casedayi. **Greene**, G. K. Contribution to Indiana palaeontology. Part XVI. New Albany, Ind., 1903, (161).

Gemmaeocrinus simulans n. sp. **Greene**, G. K. l.c. Part XVIII. 1904, (183).

Hadrocrinus plenissimus. **Greene**, G. K. l.c. Part XVI. 1903, (165).

Megistocrinus spp. **Greene**, G. K. l.c. Parts XVI, XVIII. 1903-04, (160, 166, 181, 182).

———— nn. spp. **Wood**, E. Washington, D.C., Smithsonian Inst., Misc. Collect., Q., 47, 1904, (56-84, with pl.).

Metablastus bipyramidalis. **Greene**, G. K. Contribution to Indiana palaeontology. Part XVI. New Albany, Ind., 1903, (162).

Nucleocrinus spp. **Greene**, G. K. l.c. Part XIX. 1904, (190, 191-192).

Pentremites koninckanus. **Greene**, G. K. l.c. (190).

Stereocrinus ? *indianensis*. **Greene**, G. K. l.c. Part XVIII. 1904, (182).

Tiarocrinus tetraedra n. sp. **Jaekel**, O. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. Mitarb., (77).

Tricaelocrinus woodmani. **Greene**, G. K. Contribution to Indiana palaeontology. Part XIX. New Albany, Ind., 1904, (189).

Tripleurocrinus n. gen. *T. levis* n. sp. **Wood**, E. Washington, D.C., Smithsonian Inst. Misc. Collect. Q., 47, 1904, (56-84, with pl.).

Tylocrinus n. gen., *T. novus* n. sp. **Wood**, E. l.c.

1031.70 JURASSIC.

Acrosalenia chartroni. **Lambert**, J. Paris, Bul. soc. géol., (sér. 4), 3, 1904, (538-545).

Cidaris elegans. **Séguin**. Feuille jeunes natural., Paris, (sér. 4), 33, 1903, (199-200, av. fig.).

Desorella. **Woods**, H. Geol. Mag., London, (Ser. 2) [5], 1, 1904, (479).

Diademopsis spp. **Scalia**, S. Catania, Bull. Acc. Gioenia, 1903, (fasc. 76, 33-37, estr. 1-5).

Hessotiara minor. **Lambert**, J. Paris, Bul. soc. géol., (sér. 4), 3, 1904, (538-545).

Pseudo-diadema primaevum. **Lambert**, J. l.c.

1031.75 CRETACEOUS.

Codiopsis valotairei n. sp. **Lambert**, J. Paris, Bul. soc. géol., (sér. 4), 3, 1903, (89-92, av. pl.).

Echinocorys. **Arnaud**, H. Bordeaux, Actes soc. linn., (sér. 6), 7, 1902, (29-39).

———— **Lambert**, J. Description des échinides . . . Etude . . . sur le genre *Echinocorys*. Bruxelles (Polleunis et Ceuterick), 1903, (151, av. fig. et 6 pl.).

Epiaster nutrix n. sp. **Lambert**, J. Paris, Bul. soc. géol., (sér. 4), 3, 1903, (86, pl. iii).

Hemiaster Vancouverensis n. sp. **Whiteaves**, J. F. Amer. J. Sci., New Haven, Conn., (Ser. 4), 18, 1904, (287-289).

Holaster stümcki n. sp. **Wollemann**, A. Berlin, Abh. geol. Landesanst., (N.F.), H **37**, 1902, (129 + 111).

Homoeaster ardouini n. sp. **Lambert**, J. Paris, Bul. soc. géol., (sér. 4), **3**, 1903, (80, pl. iii).

Linthia oblonga. **Newton**, R. B. Geol. Mag., London, (Ser. 2) [5], **1**, 1904, (441).

Pentacrinus dentatogranulatus n. sp. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Pentacrinus zeltbergensis n. sp. **Wollemann**, A. Berlin, Abh. geol. Landesanst., (N.F.), H. **37**, 1902, (129 + 111).

Salenia boulei n. sp. **Lambert**, J. Paris, Bul. soc. géol., (sér. 4), **3**, 1903, (75-88).

Tintacrinus. **Springer**, F. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **25**, No. 1, 1901, (1 l. + 89 + 8 l., with 8 pls.). 36.5 cm.

——— **Whiteaves**, J. F. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (287-289).

——— *socialis*. **Schuchert**, C. Reprinted from Washington, D.C., Smithsonian Inst., Misc. Collect., Q., **45**, 1904, (450).

1031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Hemiaster sudanensis n. sp. **Bather**, F. A. Geol. Mag., London, (Ser. 2) [5], **1**, 1904, (299).

Plesiolampas saharae n. sp. **Bather**, F. A. l.c. (293).

1031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Chuniola n. gen., *C. carolinae* n. sp. **Gagel**, C. Berlin, Jahrb. geol. Landesanst., **23**, (1902), 1903, (531, pl. XXIV).

Maretia zeisëi n. sp. **Gagel**, C. l.c. (541, pls. XXIV-XXV).

Spatangus nn. spp. **Gagel**, C. l.c. (530, 537, 539, pls. XXIV-XXV).

(κ-14700)

1031.95 PLEISTOCENE AND RECENT.

Ophioglypha. **Nordmann**, V. Kjöbenhavn, Medd. Geol., **10**, 1904, (138-139).

Psolus. **Nordmann**, V. l.c.

VERMES.

1831.70 JURASSIC.

Terebellina n. gen., *T. palachei* n. sp. **Ulrich**, E. O. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([123]-146, with pl.).

1831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Spirorbis calvertensis n. sp. **Martin**, G. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (430, with pl.).

2031 BRACHIOPODA AND BRYOZOA.

BRACHIOPODA.

2031.50 LOWER PALAEOZOIC.

Anoplothea congregata n. sp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428-486, with pl.).

Camarotoechia hudsonica n. sp. **Grabau**, A. W. Albany Univ., N.Y., Bull. St. Mus., No. **69**, 1903, (1030-1079, with map).

Chonostrophia nn. spp. **Schuchert**, C. Amer. Geol., Minneapolis, Minn., **27**, 1901, (245-253).

Conchidium trilobatum n. sp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428-486, with pl.).

Eatonia goodlandensis n. sp. **Kindle**, E. M. and **Breger**, C. L. l.c.

Pentamerus oblongus var. *compressa* n. var. **Kindle**, E. M. and **Breger**, C. L. l.c.

Pholidostrophia niagarensis n. sp. **Kindle, E. M. and Breger, C. L. l.c.**

Reticularia proxima n. sp. **Kindle, E. M. and Breger, C. L. l.c.**

Rhynchospira excavata n. sp. **Grabau, A. W. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (1030-1079, with map).**

Strophonella williamsi n. sp. **Kindle, E. M. and Breger, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, 28, (1903), 1904, (428-486, with pl.).**

2081.55 UPPER PALAEOZOIC.

Ambocoelia umbonata Conrad mut. *pygmaea* n. mut.; mut. *pluto* n. mut. **Loomis, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).**

Athyris nn. spp. **Drevermann, F. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (99-207).**

Athyris aliena n. sp. **Drevermann, F. Palaeontographica, Stuttgart, 50, 1904, (229-287).**

Chonetes robustus n. sp. **Raymond, P. E. Amer. J. Sci., New Haven, Conn., (Ser. 4), 17, 1904, (279-300, with text fig. and 7 pls.).**

Cyrtina hamiltonensis Hall, mut. *pygmaea* n. mut. **Loomis, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).**

Discina bosniaca n. sp. **Kittl, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).**

Nucleospira concinna Hall, mut. *pygmaea* n. mut. **Loomis, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).**

Orthothetes ingens n. nom. (= *Streptorhynchus gigas* Davidson). **Drevermann, F. Palaeontographica, Stuttgart, 50, 1904, (229-287).**

Productella spinulicosta Hall, mut. *pygmaea* n. mut. **Loomis, F. B. Albany Univ., Bull. St. Mus., No. 69, 1903, (892-920).**

Productus? turcicus n. sp. **Kittl, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte)**

Rensselaeria nn. spp. **Fuchs, A. Berlin, Jahrb. geol. Landesanst., 24, (1903), 1904, (43-53).**

Rhynchonella (Hypothyris) coronula n. sp. **Drevermann, F. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (99-207).**

Schuchertella n. nom. (= *Orthothetes*, Type *Streptorhynchus lens* White). **Girty, George H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 27, 1904, (721-736, with 3 pls.).**

Spirifer spp. **Limanowski, M. Kosmos, Lwów, 28, 1903, (289-294, av. 1 pl.); Une correction, Ib. 29, 1904, (101-102).**

Spirifer marcyi Hall, mut. *pygmaeus* n. mut. *S. medialis* Hall, mut. *pygmaeus* n. mut. *S. fimbriatus* Conrad, mut. *pygmaeus* n. mut. *S. fimbriatus* Conrad, mut. *simplicissimus* n. mut. **Loomis, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).**

Strophalosia truncata Hall, mut. *pygmaea* n. mut. **Loomis, F. B. l.c.**

Stropheodonta herculea n. nom. (= *Orthis spathulata* Quenstedt). **Drevermann, F. Palaeontographica, Stuttgart, 50, 1904, (229-287).**

Trigleria lepida Hall, mut. *pygmaea* n. mut. **Loomis, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).**

Trigleria ? oehlerti n. sp. **Drevermann, F. Palaeontographica, Stuttgart, 50, 1904, (229-287).**

Tropidoleptus. **Raymond, P. E. Pittsburg, Pa., Ann. Carnegie Mus., 3, 1904, (79-177).**

Tropidoleptus carinatus Conrad, mut. *pygmaeus* n. mut. **Loomis, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).**

2031.65 TRIASSIC.

Amphiclina. **Waagen, L. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (443-452).**

Amphiclinodonta bittneri n. sp. **Waagen, L. l.c.**

Rhynchonella. **Waagen, L. l.c.**

Rhynchonella nn. spp. **Kittl**, E. Wien, Jahrb. Geol. RchsAnst., **53**, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Spirigera. **Waagen**, L. Wien, Jahrb. Geol. RchsAnst., **53**, (1903), 1904, (443-452).

Spirigera borovacensis n. sp. **Kittl**, E. Wien, Jahrb. Geol. RchsAnst., **53**, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Thecospira. **Waagen**, L. Wien, Jahrb. Geol. RchsAnst., **53**, (1903), 1904, (443-452).

2031.70 JURASSIC.

Orthotoma tourciensis n. nom. **Buckman**, S. S. Ann. Mag. Nat. Hist., London, **14**, pt. 7, 1904, (391).

Pseudoglossothyris banburiensis n. nom. **Buckman**, S. S. Ann. Mag. Nat. Hist., London, **14**, pt. 7, 1904, (392).

Rhynchonella miatschkowiciensis n. sp. **Dovaisky**, D. Moskva, Bull. Soc. Nat., **1903**, (222-292).

Terebratula punctata Sow. var. *lata*. **Douvillé**, H. Paris, Bul. Soc. géol., (ser. 4), **3**, 1904, (537-538).

2031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Rhynchonella nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

2031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Argyrotheca schucherti n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Discinisca lugubris. **Martin**, G. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (402-404, with pl.).

(K-14700)

2031.05 PLEISTOCENE AND RECENT.

Crania anomala. **Schepotieff**, A. Centralbl. Min., Stuttgart, **1904**, (12-13).

BRYOZOA.

2031.50 LOWER PALAEOZOIC.

Amplexopora multispinosa n. sp. **Cumings**, E. R. Amer. Geol., Minneapolis, Minn., **28**, 1901, (361-380, with 2 pls.).

Dekayella cystata n. sp. **Cumings**, E. R. l.c.

Dekayia magna n. sp. **Cumings**, E. R. l.c.

Eridotrypa revayensis n. sp. **Cumings**, E. R. l.c.

Homotrypa nn. spp. et nn. varr. **Basler**, R. S. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **26**, 1903, (565-591, with 6 pls.).

2031.70 JURASSIC.

Proboscina. **Lang**, W. D. Geol. Mag., London, (Ser. 2) [5], **1**, 1904, (315-322).

Stomatopora. **Lang**, W. D. Geol. Mag., London, (ser. 2) [5], **1**, 1904, (315-322).

2031.75 CRETACEOUS.

Berenicea dobrudschensis n. sp. **Toula**, F. Wien, Jahrb. Geol. RchsAnst., **54**, 1904, (1-46, mit 3 Taf.).

Membranipora nn. spp. **Canu**, F. Paris, Bul. soc. géol., (ser. 4), **3**, 1904, (659-662).

2031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Cupularia canariensis Busk. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (207-217, with 2 pls.).

Lunulites spp. **Maplestone**, C. M. l.c.

Selenaria magnipunctata n. nov. *S. otwayensis* n. sp.; spp. **Maplestone**, C. M. l.c.

**2031.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).**

Amphiblestrum nn. spp. **Ulrich, E. O.**
and **Basler, R. S.** Maryland Geol.
Surv. (Miocene), Baltimore, 1904, (404-
429, with pl.).

Cellepora nn. spp. **Ulrich, E. O.** and
Basler, R. S. l.c.

Crisina striatopora n. sp. **Ulrich,**
E. O. Basler, R. S. l.c.

Idmonea ? expansa n. sp. **Ulrich,**
E. O. and Basler, R. S. l.c.

Lepralia nn. spp. **Ulrich, E. O.** and
Basler, R. S. l.c.

Membranipora nn. spp. **Ulrich, E. O.**
and **Basler, R. S.** l.c.

Microporella nn. spp. **Ulrich, E. O.**
and **Basler, R. S.** l.c.

Palmicellaria nn. spp. **Ulrich, E. O.**
and **Basler, R. S.** l.c.

Retepora doverensis n. sp. **Ulrich,**
E. O. and Basler, R. S. l.c.

Schizoporella nn. spp. **Ulrich, E. O.**
and **Basler, R. S.** l.c.

Theonoe glomerata n. sp. **Ulrich,**
E. O. and Basler, R. S. l.c.

2231 MULLUSCA.

CEPHALOPODA.

**2231.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.**

Mammites. **Lapparent, de.** Paris,
C.-R. Acad. sci., **136**, 1903, (1297-
1298).

Orthoceras. **Hoernes, R.** Biol. Cen-
tralbl., Leipzig, **23**, 1903, (363-370).

Pseudotissotia segnis n. sp. **Solger, F.**
Berlin, Zs. D. geol. Ges., **55**, 1903, Auf-
sätze, (69-84, mit 1 Taf.).

Sphenodiscus lenticularis. **Solger, F.**
Berlin, Ze. D. geol. Ges., **55**, 1903, Auf-
sätze, (69-84).

Vascoceras. **Lapparent, de.** Paris,
C.-R. Acad. sci., **136**, 1903, (1297-
1298).

2231.50 LOWER PALAEOZOIC.

Lituities (Ophidioceras ?) herculeus
var. *corrollensis* n. var. **Kindle, E. M.**
and **Breger, C. L.** Indiana, Rep. Dept.
Geol. Nat. Res., Indianapolis, **23**, (1903),
1904, (428-486, with pl.).

Orthoceras (Kionoceras) nn. spp.
Kindle, E. M. and Breger, C. L. l.c.

Trimeroceras gilberti n. sp. **Kindle,**
E. M. and Breger, C. L. l.c.

2231.55 UPPER PALAEOZOIC.

Amphoreopsis n. gen. *A. paucica-*
merata n. sp. **Crick, G. C.** London,
Proc. Malac. Soc., **6**, pt. 3, 1904, (134).

Bactrites sp. mut. *parvus* n. mut.;
mut. *pygmaeus* n. mut. **Loomis, F. B.**
Albany Univ., N.Y., Bull. St. Mus.,
No. **69**, 1903, (892-920).

Clymenia kayseri n. sp. **Drevermann,**
F. Berlin, Jahrb. geol. Landesanst.,
21, 1901, Abh. auss. st. pers., (99-207).

Cyclolobus haydeni. **Diener, C.**
Rec. Geol. Surv. Ind., Calcutta, **31**, pt. 2,
1904, (56-58).

Episageceras n. gen., *E. latidorsatum*
n. sp. **Noetling, F.** N. Jahrb. Min.,
Stuttgart, Beilagebd **19**, 1904, (334-376).

Medlicottia. **Noetling, F.** l.c.

Orthoceras bokkeveldensis n. sp.
Reed, F. R. C. Cape Town, Ann. S.
Afric. Mus., **4**, 1904, (239, pl. XXX,
figs. 1-2).

Orthoceras subulatum Hall, mut.
pygmaeum n. mut. **Loomis, F. B.**
Albany Univ., N.Y., Bull. St. Mus.,
No. **69**, 1903, (892-920).

Orthoceras waageni n. sp. **Kittl, E.**
Wien, Jahrb. Geol. RchsAnst., **53** (1903),
1904, (515-748, mit 3 Taf. und 1 Karte).

Osmanoceras n. gen., *O. undulatum*
n. sp. **Kittl, E.** l.c.

Pericyclus fasciculatus. **Crick, G. C.**
Geol. Mag., London, (Ser. 2) [5], **1**, 1904,
(27-33).

Pleuromutilus pulcher n. sp. **Crick,**
G. C. London, Proc. malac. Soc., **6**,
pt. 1, 1904, (15-20, with pl.).

Tetragonites n. gen., *T. grimmeri* n. sp.
Kittl, E. Wien, Jahrb. Geol. RchsAnst.,
53, (1903), 1904, (515-748, mit 3 Taf.
und 1 Karte).

Trienoceras costatum. **Drevermann**, F. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (85-92).

2231.65 TRIASSIC.

Ceratites nn. spp. **Philippi**, F. Geol. u. paleont. Abh., Jena, 8=(N.F.), **4**, 1901, (345-458).

Ceratites vogdesi n. sp. **Smith**, J. P. San Francisco, Proc. Cal. Acad. Sci., (Geol.), (Ser. 3), **1**, 1904, (11 + 323-430, with 10 pls., table). Separate. 24.5 cm.

Episagoceras n. gen. *E. latidorsatum* n. sp. **Noetling**, F. N. Jahrb. Min., Stuttgart, Beilagebd **19**, 1904, (334-376).

Eutomoceras dunni n. sp. **Smith**, J. P. San Francisco, Proc. Cal. Acad. Sci., (Geol.), (Ser. 3), **1**, 1904, (11 + 323-430, with 10 pls., table). Separate. 24.5 cm.

Flemingites russelli Hyatt & Smith ms. **Smith**, J. P. l.c.

Halorites sp. **Vredenburg**, E. Rec. Geol. Surv. Ind., Calcutta, **31**, pt. 3, 1904, (162-166, with 2 pls.).

Medlicottia. **Noetling**, F. N. Jahrb. Min., Stuttgart, Beilagebd **19**, 1904, (334-376).

Trachyceras (*Analcites*) *hyatti* n. sp. **Smith**, J. P. San Francisco, Proc. Cal. Acad. Sci., (Geol.), (Ser. 3), **1**, 1904, (11 + 323-430, with 10 pl. table). Separate. 24.5 cm.

Trachyceras (*Protrachyceras*) *shastense* n. sp. **Smith**, J. P. l.c.

Tropites dilleri n. sp. **Smith**, J. P. l.c.

2231.70 JURASSIC.

Ammonites spp. **Blake**, J. F. Geol. Mag., London, (ser. 2) [5], **1**, 1904, (162-166).

—— **Healey**, M. Q. J. Geol. Soc., **60**, 1904, (54-64).

Aspidoceras acanthicum. **Canavari**, M. Paleontogr. Italica, Pisa, **9**, 1903, (1-17).

Belemnites spp. **Scalia**, S. Catania, Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

Belemnites miatschkowiensis n. sp. **Новайский**, D. Moskva, Bull. Soc. Nat., **1903**, (222-292).

Brasilia spp. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **58**, 1904, (lxxxii).

Brasilina nn. spp. **Buckman**, S. S. l.c. (lxxxiv).

Braunsella n. gen. et nn. spp. **Buckman**, S. S. l.c. (cii).

Braunsina nn. spp. **Buckman**, S. S. l.c. (c).

Cadoceras crassum n. sp. **Madsen**, V. Kjöbenhavn, Medd. Grönl., **29**, [1904], (157-210).

Canavarella n. gen. et nn. spp. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **58**, 1904, (cxxviii).

Canavarina steinmanni (Haug, 1885—*Harpoceras*); *C. digna* n. nom. **Buckman**, S. S. l.c. (cxli, cxlii).

Cardioceras nn. spp. **Новайский**, D. Moskva, Bull. Soc. Nat., **1903**, (222-292).

Coeloceras nn. mutt.; spp.; mut.; *C. (Stephanoceras) wysogorskii* n. sp. **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (88, 93).

Cotteswoldia nn. spp. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **58**, 1904, (cxxxvi).

Crickia n. gen., *C. reflua* n. sp. **Buckman**, S. S. l.c. (lxxiii).

Darellella n. gen., *D. reticostata* n. sp. **Buckman**, S. S. l.c. (cvii).

Darellia nn. spp. **Buckman**, S. S. l.c. (cxii).

Darellina n. gen. et nn. spp. **Buckman**, S. S. l.c. (cvi).

Deltoidoceras nn. spp. **Buckman**, S. S. l.c. (cxviii).

Deltotoceras discoideum (Quenstedt.—*Ammonites*); nn. spp. **Buckman**, S. S. l.c. (cxx).

Depaoceras hamatum n. sp. **Buckman**, S. S. l.c. (lxxviii).

Dissoroceras excavatum n. nom.; *D. subornatum* n. sp. **Buckman**, S. S. l.c. (cxv, cxvi).

Dumortieria n. sp. et nn. mutt.; spp. **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (61-62).

Erycites nn. spp.; n. mut. **Prinz, G.** l.c. (81).

Frechiella curvata n. sp. **Prinz, G.** N. Jahrb. Min., Stuttgart, 1904, 1, (30-38).

—— **Prinz, G.** Földt. Evk., Budapest, 15, 1904, (58-59, mit Taf. xxxvii).

Frechiella brunsticensis Stolley n. sp. **Hoyer.** Centralbl. Min., Stuttgart, 1904, (385-389).

Grammoceras. **Beck, H.** Wien, Jahrb. Geol. RchsAnst., 58 (1903), 1904, (473-480).

Graphoceras nn. spp. et var. **Buckman, S. S.** London, Monogr. Palaeont. Soc., 58, 1904, (xcvi).

Hammatoceras nn. spp.; nn. mutt.; spp. **Prinz, G.** Földt. Evk., Budapest, 15, 1904, (75).

Harpoceras. **Strübin, K.** Basel, Abh. Schweiz. Pal. Ges., 30, 1903, (4).

Harpoceras (*Grammoceras*) *laevigatum* n. sp. **Hautk.;** spp. *H. (Lioceras) latifalcatum* **Denckm. & Steuer** n. sp.; n. mut.; spp. **Prinz, G.** Földt. Evk., Budapest, 15, 1904, (97-101).

Hildoceras nn. spp.; n. var.; spp. **Prinz, G.** l.c. (111-112).

Hugia n. gen. et nn. spp. **Buckman, S. S.** London, Monogr. Palaeont. Soc., 58, 1904, (cxi).

Hyperlioceras lucyi (**Buckman, 1889.**—*Ludwigia*); nn. spp.; n. nom. **Buckman, S. S.** l.c. (cxxii, cxxiii).

Kiliania nn. spp. **Buckman, S. S.** l.c. (lxv).

Lopadoceras n. gen. et nn. spp. **Buckman, S. S.** l.c. (cxi).

Lucya marginata n. sp. **Buckman, S. S.** l.c. (lxxv).

Ludwigella (**Buckman.**—*Ludwigia*); spp. et nn. spp. **Buckman, S. S.** l.c. (lxxv).

Ludwigia ambigua (**Buckman, 1888.**—*Lioceras*); n. sp. et n. nom. **Buckman, S. S.** l.c. (lxxii).

Lytoceras crebricosta. **Fucini, A.** Pisa, Mem. Soc. tosc. sc. nat., 19, 1903, (340-343).

Lytoceras humile n. sp.; spp.; n. mut.; n. var. **Prinz, G.** Földt. Evk., Budapest, 15, 1904, (55).

Macrocephalites pompeckji n. sp. **Madsen, V.** Kjöbenhavn, Medd. Grönl., 28, [1904], (157-210).

Ochetoceras canaliculatoide n. sp. **Ilovalsky, D.** Moskva, Bull. Soc. Nat., 1903, (222-292).

Edania n. gen. et nn. sp. **Buckman, S. S.** London, Monogr. Palaeont. Soc., 58, 1904, (cvii).

Oppelia gracililobata **Vacek.;** n. mut. **Prinz, G.** Földt. Evk., Budapest, 15, 1904, (118).

Paineia n. gen. **Buckman, S. S.** London, Monogr. Palaeont. Soc., 58, 1904, (lxxvii).

Paquieria nn. spp. **Buckman, S. S.** l.c. (lxvii).

Parkinsonia (*Tmetoceras*) *scissa* **Ben. Prinz, G.** Földt. Evk., Budapest, 15, 1904, (119, mit Taf. XVI und XX).

Perisphinctes championensis **Crick (Aptychus).** **Chapman, F.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), 16, 1904, (306-335, with 4 pls.).

—— *intercedens* n. sp. **Ilovalsky, D.** Moskva, Bull. Soc. Nat., 1903, (222-292).

Phylloceras nn. spp.; nn. mutt., spp. **Prinz, G.** Földt. Evk., Budapest, 15, 1904, (37-38).

Platygraphoceras n. nom.; nn. spp. **Buckman, S. S.** London, Monogr. Palaeont. Soc., 58, 1904, (xcv).

Pleydellia comata n. sp. **Buckman, S. S.** l.c. (cxxxviii).

Pseudogrammoceras nn. spp.; n. nom.; spp. **Buckman, S. S.** l.c. (cl, clii, cliv, clix).

Pseudographoceras nn. spp. **Buckman, S. S.** l.c. (xciii).

Pseudolioceras falcodiscus (**Quenstedt, 1885.**—*Ammonites*); nn. nomm. **Buckman, S. S.** l.c. (clx).

Reynesella nn. spp. **Buckman, S. S.** l.c. (cx).

Reynesia nn. spp. **Buckman, S. S.** l.c. (cv).

Rhaebcceras n. gen. *R. tortum* n. sp. *R. tolutarium* (**Dumortier, 1874.**—*Ammonites*). **Buckman, S. S.** l.c. (lxxii, lxxiii).

Sphaeroceras sauzei. **Strübin**, K. Basel, Abh. Schweiz. Pal. Ges., **30**, 1903, (4).

Stokesia n. gen. et nn. spp. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **53**, 1904, (cxxvii).

Tmetoceras katzeri n. sp. **Beck**, H. Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (473-480).

Toxolioceras nn. spp. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **53**, 1904, (cxxvii).

Vacekia stephensi n. sp. **Buckman**, S. S. l.c. (clvii).

Walkeria delicata n. sp. **Buckman**, S. S. l.c. (cxl).

Wiltshireia n. gen. *W. gigantea* (Buckman 1888—*Lioceras bradfordense* var. *giganteum*). **Buckman**, S. S. l.c. (lxviii).

2231.75 CRETACEOUS.

Acanthoceras nn. spp. **Solger**, F. [In: E. Esch. u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (83-242).

Acanthoceras hoplitoides n. sp. **Lasswitz**, R. Geol. u. palaeont. Abh., Jena, **10** = (N F. **6**, H. **4**, 1904, (1-40).

Acompsoceras n. gen. Type, *A. bochumense* (Schlüter). **Hyatt**, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **44**, 1903, (111). 30 cm.

Aconeceras n. gen. Type, *A. nisum* (d'Orbigny). **Hyatt**, A. l.c. (100).

Actinocamax. **Crick**, G. C. Geol. Mag., London, (ser. 2) [5], **1**, 1904, (407-410).

Ammonites (*Desmoceras*?) *langenhani* n. sp. **Sturm**, F. Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh., auss. st. Pers., (39-98).

Atractilites. **Crick**, G. C. Geol. Mag., London, (ser. 2) [5], **1**, 1904, (407-410).

Baculites aspero-anceps n. sp. **Lasswitz**, R. Geol. u. palaeont. Abh., Jena, **10** = (N.F.) **6**, H. **4**, 1904, (1-40).

Barroisiceras brancoi n. sp. **Solger**, F. [In: E. Esch. u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (83-242).

Barroisiceras haueri n. sp. **Hyatt**, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **44**, 1903, (351 + iii, with pl.). 30 cm.

Carstenia n. gen. Type *C. lindigi* (Karsten). *C. ? tuberculata* n. sp. **Hyatt**, A. l.c. (133).

Choffaticeras n. gen. Type *C. meslei* (Peron). **Hyatt**, A. l.c. (37).

Coilopoceras n. gen. et nn. spp. **Hyatt**, A. l.c. (91).

Creniceras sp. **Etheridge**, R., jun. Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (90, pl. III, figs. 21, 22).

Desmoceras keilhacki n. sp. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Diplacmoceras (= *Diplacomoceras*). *D. canaliculatum* n. sp. **Hyatt**, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **44**, 1903, (351 + iii, with pl.). 30 cm.

Douvilleiceras orbigny n. sp. **Hyatt**, A. l.c.

Engonoceras nn. spp. **Hyatt**, A. l.c.

Eulophoceras n. gen. *E. natalense* n. sp. **Hyatt**, A. l.c. (85).

Gerhardtia n. gen. Type *G. galeatoides* (Karsten). **Hyatt**, Alpheus. l.c. (135).

Hamites nn. spp. **Wollemann**, A. Berlin, Abh. geol. Landesanst., (N.F.) **H 37**, 1902, (129 + 111).

Heinzia nn. spp. **Hyatt**, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **44**, 1903, (351 + iii, with pl.). 30 cm.

Hoplitoides koeneni. **Solger**, F. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (83-242).

Knemiceras nn. spp. **Hyatt**, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **44**, 1903, (351 + iii, with pl.). 30 cm.

Mantelliceras n. gen. Type *M. mantelli* (Sow.). *M. picteti* n. sp. **Hyatt**, A. l.c. (113).

Metasigaloceras n. gen. Type *M. rusticum* (Sow.). **Hyatt**, A. l.c. (106).

Metatissotia n. gen. *M. nodosa* n. sp. **Hyatt**, A. l.c. (45).

Metengonoceras n. gen. et nn. spp. Hyatt, A. l.c. (179).

Meloicoceras n. gen. Type *M. sicallovi* (Shumard) et nn. spp. Hyatt, A. l.c. (116).

Neolobites nn. spp. Hyatt, A. l.c. (351 + 111).

Neoptychites nn. spp. Solger, F. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (83-242).

Nicklesia n. gen. Type *N. dumasiana* (d'Orbigny) et nn. spp. Hyatt, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., 44, 1903, (138). 30 cm.

Pachydiscus laevicaniculatus n. sp. Lasswitz, R. Geol. u. palaeont. Abh., Jena, 10, = (N.F.) 6, H. 4, 1904, (1-40).

Paratissotia n. gen., *P. regularis* n. sp. Hyatt, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr. 44, 1903, (50).

Placenticeras nn. spp. Hyatt, A. l.c. (351 + iii).

———— *kaffrarium* n. sp. Etheridge, R. jun. Pietermaritzburg, Rep. Geol. Surv. Nat. Zulul., 1904, (89, pl. III, fig. 16).

Protengonoceras planum n. sp. Hyatt, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., 44, 1903, (351 + iii, with pl.). 30 cm.

Pseudaspidoceras n. gen. Type *P. footeanum* (Stoliczka). Hyatt, A. l.c. (106).

Pseudotissotia philippii n. sp. Solger, F. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (83-242).

Pseudotissotia? *tunisiensis* n. sp. Hyatt, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., 44, 1903, (351 + iii, with pl.). 30 cm.

Pulchellia nicklesi n. sp. Hyatt, A. l.c.

Roemeroceras nn. spp. Hyatt, A. l.c.

Schloenbachia nn. spp. Lasswitz, R. Geol. u. palaeont. Abh., Jena, 10 = (N.F.) 6, H. 4, 1904, (1-40).

Schluetericeras n. gen. (Type *S. nodosoides* (Schlüter). Hyatt, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., 44, 1903, (110). 30 cm.

Sharpeiceras n. gen. Type *S. lativium* (Sharpe). Hyatt, A. l.c. (111).

Sonneratia supani n. sp. Lasswitz, R. Geol. u. palaeont. Abh., Jena, 10 = (N.F.) 6, H. 4, 1904, (1-40).

Sphenodiscus nn. spp. Hyatt, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., 44, 1903, (351 + iii, with pl.). 30 cm.

Styracoceras n. gen. Type *S. (Amm.) balduri* (Keyserling). Hyatt, A. l.c. (244).

Subpulchellia n. gen., *S. castellanensis* n. sp. Hyatt, A. l.c. (139).

Subtissotia n. gen. Type *S. inflata* (Peron), *S. peroni* n. sp. Hyatt, A. l.c. (43).

Tegoceras n. gen. Type *T. (Amm.) mosense* (d'Orbigny). Hyatt, A. l.c. (84).

Tissotia nn. spp. Solger, F. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (83-242).

Tissotia globosa n. sp. Hyatt, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., 44, 1903, (351 + iii, with pl.). 30 cm.

Tolypeceras n. gen. Type *T. (Amm.) marcousanum* (Pictet and Campiche). Hyatt, A. l.c. (103).

Turrilites nn. spp. Lasswitz, R. Geol. u. palaeont. Abh., Jena, 10 = (N.F.) 6, H. 4, 1904, (1-40).

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Margarites peninsularis n. sp. Dall, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Spirulirostra szajnochae n. sp. Wójcik, K. Kraków, Rozpr. Akad., B. 43, 1903; (489-569), deutsches Rés., Krakow, Bull. Intern. Acad., 1903, (798-809).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Nautilus? sp. Martin, G. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (130, with pl.).

GASTROPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Nerita (*Velates*) *schmideliana*.
Lapparent, de. Paris, C.-R. Acad. sci.,
136, 1903, (1297-1298).

2231.50 LOWER PALAEOZOIC.

Coleolus? *aciculum* J. Hall. **Chapman**,
F. Melbourne, Proc. R. Soc. Vict., (N.
Ser.), **16**, 1904, (337-342, with pl.).

Conularia souerbyi, *C. ornatissima*
n. sp. **Chapman**, F. l.c.

Euomphalopterus alatus nn. var.
Kindle, E. M. and **Breger**, C. L. In-
diana, Rep. Dept. Geol. Nat. Res., In-
dianapolis, **28**, (1903), 1904, (428-486,
with pl.).

Hyalithes novellus Barrande. *H. spryi*
n. sp. **Chapman**, F. Melbourne, Proc.
R. Soc. Vict., (N. Ser.), **16**, 1904, (337-
342, with pl.).

Oriostoma nn. spp. et n var. **Kindle**,
E. M. and **Breger**, C. L. Indiana, Rep.
Dept. Geol. Nat. Res., Indianapolis, **28**,
(1903), 1904, (428-486, with pl.).

Pleurotomaria eloroidea n. sp.
Kindle, E. M. and **Breger**, C. L. l.c.

Styliola fissurella J. Hall, var. *multi-
striata* n. var. **Chapman**, F. Mel-
bourne, Proc. R. Soc. Vict., (N. Ser.), **16**,
1904, (337-342, with pl.).

Tentaculites matlockiensis n. sp.
Chapman, F. l.c.

2231.55 UPPER PALAEOZOIC.

Bellerophon, spp. **Reed**, F. R. C.
Cape Town, Ann. S. Afric. Mus., **4**,
1904, (241-243, pl. XXX, figs. 4-7A).

Bellerophon suhaënsis n. sp. **Kittl**,
E. Wien, Jahrb. Geol. RchsAnst., **53**,
(1903), 1904, (515-748, mit 3 Taf. und 1
Karte.).

Conularia spp. **Reed**, F. R. C. Cape
Town, Ann. S. Afric. Mus., **4**, 1904,
(247-249, pl. XXX, figs. 10, 10A,
11).

Diaphorostoma? sp. **Reed**, F. R. C.
l.c. (245).

Euomphalus varicosus n. sp.
Drevermann, F. Berlin, Jahrb. geol.
Landesanst., **21**, 1901, Abh. auss. st.
Pers., (99-207).

Holopea baini Sharp. **Reed**, F. R. C.
Cape Town, Ann. S. Afric. Mus., **4**,
1904, (245).

Hyalithes subaequalis Salt. **Reed**,
F. R. C. l.c. (247).

Loxonema sp. **Reed**, F. R. C. l.c.
(244, pl. xxx. fig. 8).

Macrochilina hebe Hall, mut. *pygmaea*
n. mut. **Loomis**, F. B. Albany Univ.,
N.Y., Bull. St. Mus., No. **69**, 1903, (892-
920).

Patella ottomana n. sp. **Kittl**, E.
Wien, Jahrb. Geol. RchsAnst., **53**,
(1903), 1904, (515-748, mit 3 Taf. und 1
Karte).

Pleurotomaria aff. *kayscri* Ulr. **Reed**,
F. R. C. Cape Town, Ann. S. Afric.
Mus., **4**, 1904, (241, pl. XXX, fig. 3).

——— *itys* Hall, mut. *pygmaea*
n. mut.; *P. capillaria* Conrad, mut.
pygmaea n. mut. **Loomis**, F. B.
Albany Univ., N.Y., Bull. St. Mus.,
No. **69**, 1903, (892-920).

Promathildia? *permiana* n. sp.
Kittl, E. Wien, Jahrb. Geol. Rchs-
Anst., **53**, (1903), 1904, (515-748, mit
3 Taf. und 1 Karte).

Tentaculites crotalinus, *T. baini* n. sp.
Reed, F. R. C. Cape Town, Ann. S.
Afric. Mus., **4**, 1904, (245-246, pl. XXX,
fig. 9).

Worthenia dyadica n. sp. **Kittl**, E.
Wien, Jahrb. Geol. RchsAnst., **53**, (1903),
1904, (515-748, mit 3 Taf. und 1 Karte).

2231.65 TRIASSIC.

Actaeonina orata n. sp. **Picard**, E.
Berlin, Jahrb. geol. Landesanst., **22**,
1904, (445-537).

Adeorbis liscariensis n. sp. **Picard**,
E. l.c.

Delphinula kokeni n. sp. **Picard**, E.
l.c.

Fedaella magna n. sp. **Picard**, E.
l.c.

Fritschia n. gen. et nn. spp. **Picard**,
E. l.c.

Loxonema nn. spp.; *L. (Polygyrina)*
columnare n. sp. Picard, E. l.c.

Marmolatella plana n. sp. Picard,
E. l.c.

Naticella nn. spp. Picard, E. l.c.

Neritaria nn. spp. Picard, E. l.c.

Protorcula nn. spp. Picard, E. l.c.

Protorcula bosniaca n. sp. Kittl, E.
Wien, Jahrb. Geol. RchsAnst., 53, (1903),
1904, (515-748, mit 3 Taf. und 1 Karte).

Rhabdoconcha fritschi n. sp. Picard,
E. Berlin, Jahrb. geol. Landesanst.,
22, 1904, (445-537).

Tectospira n. gen. *T. chopi* n. sp.
Picard, E. l.c.

Temnotropis credneri n. sp. *T. parva*
n. sp. Picard, E. l.c.

Trypanostylus nn. spp. Picard, E.
l.c.

Turritella nn. spp. Picard, E. l.c.

Undularia nn. spp. Picard, E. l.c.

Worthenia nn. spp. Picard, E. l.c.

2231.70 JURASSIC.

Alaria spp. Scalia, S. Catania, Bull.
Acc. Gioenia, 1903, (fasc. 76, 33-37,
estr. 1-5).

Astralinum spp. Scalia, S. l.c.

Cerithium nn. spp. Scalia, S. l.c.

Chemnitzia nn. spp. Scalia, S. l.c.

Crossostoma buccai n. sp. Scalia, S.
l.c.

Emarginula aguta n. sp. Scalia, S.
l.c.

Gibbula canevarii n. sp. Scalia, S. l.c.

Hologyra gemmellaroi n. sp. Scalia,
S. l.c.

Mathilda capellinii n. sp. Scalia, S.
l.c.

Nerinea nn. spp. Toula, F. Wien,
Jahrb. Geol. RchsAnst., 54, 1904, (1-46,
mit 3 Taf.).

Patella clathrata n. sp. Scalia, S.
Catania, Bull. Acc. Gioenia, 1903, (fasc.
76, 33-37, estr. 1-5).

Trochotoma di-stefanoi n. sp. Scalia,
S. l.c.

Trophon liassicum n. sp. Scalia, S.
l.c.

Turritella nn. spp. Devalsky, D.
Moskva, Bull. Soc. Nat., 1903, (222-232).

——— *josephii* n. sp. Scalia, S.
Catania, Bull. Acc. Gioenia, 1903, (fasc.
76, 33-37, estr. 1-5).

2231.75 CRETACEOUS.

Actaeonina atherstonei Tate, var.
umkulanensis n. var. Etheridge, R.,
jun. Pietermaritzburg, Sec. Rep. Geol.
Surv. Nat. Zulul., 1904, (87, pl. II,
fig. 38).

Alaria bailyi n. sp. Etheridge, R.,
jun. l.c.

Aporrhais bicarinatoides n. sp.
Wollemann, A. Berlin, Jahrb. geol.
Landesanst., 24, (1903), 1904, (22-42).

Aporrhais hirundo n. sp. Sturm, F.
Berlin, Jahrb. geol. Landesanst., 21,
1901, Abh. auss. st. Pers., (39-98).

Cerithium nn. spp. Wollemann, A.
Berlin, Jahrb. geol. Landesanst., 24
(1903), 1904, (22-42).

Chemnitzia sp. Etheridge, R., jun.
Pietermaritzburg, Sec. Rep. Geol. Surv.
Nat. Zulul., 1904, (88, pl. III, fig. 2).

Cylichna nn. spp. Etheridge, R., jun.
l.c. (87, pl. II, figs. 33, 34).

Dentalium splendens n. sp. Wolle-
mann, A. Berlin, Jahrb. geol. Landes-
anst., 24 (1903), 1904, (22-42).

Fulguraria sp. Etheridge, R., jun.
Pietermaritzburg, Rep. Geol. Surv. Nat.
Zulul., 1904, (84, pl. III, figs. 12-13).

Fusus ? schrammeni n. sp. Wolle-
mann, A. Berlin, Jahrb. geol. Landes-
anst., 24, (1903), 1904, (22-42).

Gyrodes sp. Etheridge, R., jun.
Pietermaritzburg, Rep. Geol. Surv. Nat.
Zulul., 1904, (88, pl. II, fig. 32, pl. III,
fig. 1).

Littorina ? lubrica n. sp. Wolle-
mann, A. Berlin, Jahrb. geol. Landes-
anst., 24, (1903), 1904, (22-42).

Natica sudetica n. sp. Sturm, F.
Berlin, Jahrb. geol. Landesanst., 21,
1901, Abh. auss. st. Pers., (39-98).

Patella sp. Etheridge, R., jun. Pie-
termaritzburg, Rep. Geol. Surv. Nat.
Zulul., 1904, (86, pl. III, fig. 3).

Pleurotomaria weissermeli n. sp. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Pyropsis sp. **Etheridge**, R., jun. Pietermaritzburg, Rep. Geol. Surv. Nat. Zulul., **1904**, (85, pl. III, figs. 10, 11).

Rapana gracillima n. sp. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Solarium sp. **Etheridge**, R., jun. Pietermaritzburg, Rep. Geol. Surv. Nat. Zulul., **1904**, (88, pl. III, figs. 35-37).

Trochus lüneburgensis n. sp. **Wollemann**, A. Berlin, Abh. geol. Landesanst., (N.F.), **H 37**, 1902, (129-111).

Tudicla beushauseni n. sp. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (1-30).

———— *subcarinata* n. sp. **Sturm**, F. Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (39-98).

Zaria bonei Baily. **Etheridge**, R., jun. Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (83, pl. II, figs. 28-31).

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Actaeon camerunensis n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Apitoma bassi n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (320-337, with 2 pls.).

Astele millegranosa n. sp. **Pritchard**, G. B. l.c.

Bankivia hoicitti n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (320-337, with 2 pls.).

Bauxia spp. **Carlot**, A. J. conchyliol., Paris, **51**, 1903, (35-38).

Buccinum (? *Pseudoneptunea*) *choffati* n. sp.; *B.* (? *Strepsidura*) *blanckenhorni* n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Calyptraea sigaretina n. sp. **Oppenheim**, P. l.c.

Cantharidus serratulus n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (320-337, with 2 pls.).

Clavella bulbodes Tate, *C. platystropha* n. sp. **Pritchard**, G. B. l.c.

Clavellofusus n. gen. et nn. spp. **Grabau**, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417), 1904, (iii + 192, with pl.). 26.4 cm.

Clavilithes nn. spp. **Grabau**, A. W. l.c.

Collonia geelongensis n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (320-337, with 2 pls.).

Columbella (? *Macrurella*) *subcarinata* n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

———— *woodsii* nom. mut.; nn. spp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (320-337, with 2 pls.).

Cosmolithes n. gen. (Genotype *Fusus uniplicatus* Lamarck), *C. subuniplicatus* n. sp. **Grabau**, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417), 1904, (iii + 192, with pl.). 26.4 cm.

Crepidula nn. spp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam, Vol. 4.] New York, 1904, ([97]-122, with pl.).

Discohelix grzybowski n. sp. **Wójcik**, K. Kraków, Rozpr. Akad., B. **43**, 1903, (489-569); deutsches Rés.; Krakow, Bull. Intern. Acad., **1903**, (798-809).

Eutrochus fontinalis. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (320-337, with 2 pls.).

Falsifusus n. gen. (Type *Fusus meyeri* Aldrich) (= *F. ottonis* Aldrich). **Grabau**, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417), 1904, (iii + 192, with pl.). 26.4 cm.

Ficula sobria n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Fulgurofusus n. gen. (Genotype: *Fusus quercollis* Harris). **Grabau**, A.

W. Washington, D.C., Smithsonian Inst., Misc. Collect., 44, (No. 1417), 1904, (iii + 192, with pl.). 26.4 cm.

Heilprinia n. gen. (Genotype *Fusus caloosaensis* Heilprin). Grabau, A. W. l.c.

Latirus incompletus n. sp. Oppenheim, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Murex camerunensis n. sp. Oppenheim, P. l.c.

Natica nn. spp. Oppenheim, P. l.c.

Olivella zintgrafi n. sp. Oppenheim, P. l.c.

Pleurotoma (Drillia) camerunensis n. sp.; *P. icuriana* n. sp. Oppenheim, P. l.c.

Pleurotoma selicyni sp. n. var. *laevis* n. var.; nn. spp. Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (320-337, with 2 pls.).

Pseudoliva nn. spp. Oppenheim, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Rhopalithes n. gen. et nn. spp. Grabau, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., 44, (No. 1417), 1904, (iii + 192, with pl.). 26.4 cm.

Sycum bulbiforme n. sp. Oppenheim, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Syrnola africana n. sp. Oppenheim, P. l.c.

Turritella eschi n. sp. Oppenheim, P. l.c.

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Actaeon calvertensis n. sp. Martin, G. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (131-270, with pl.).

Amalthea marylandica n. sp. Martin, G. C. l.c.

Ancylus. Boettger, O. Zool. Anz., Leipzig, 27, 1904, (264-267).

Caecum nn. spp. Martin, G. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (131-270, with pl.).

Calliostoma nn. spp. Martin, G. C. l.c.

Calyptraea greensboroensis n. sp. Martin, G. C. l.c.

Cancellaria nn. spp. Martin, G. C. l.c.

Cancellariella n. subgen. (of *Cancellaria*). Martin, G. C. l.c.

Cerithiopsis calvertensis n. sp. Martin, G. C. l.c.

Chrysodomus patuxentensis n. sp. Martin, G. C. l.c.

Clanculus praecruciatatus n. sp. Michailovskij, G. P. St. Petersburg, Mem. Com. géolog., 1903, XIII, 4, (1-186); rés. allem., (187-311).

Columbella calvertensis n. sp. Martin, G. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (131-270, with pl.).

Cylichna nn. spp. Martin, G. C. l.c.

Cyllene desnoyersi Bast. var. *turonica* n. var. Peyrot. Feuille jeunes natural., Paris, (sér. 4), 33, 1903, (46-49, 53-56, 69-73).

Drillia nn. spp. et nn. varr. Martin, G. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (131-270, with pl.).

Ecphora tricostrata n. np. Martin, G. C. l.c.

Emarginula marylandica n. sp. Martin, G. C. l.c.

Eulimella (Anisocycla) marylandica n. sp. Martin, G. C. l.c.

Euthria guibei n. sp. Peyrot. Feuille jeunes natural., Paris, (sér. 4), 33, 1903, (46-49, 53-56, 69-73).

Fusus nn. spp. Grabau, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., 44, (No. 1417), 1904, (iii + 192, with pl.). 26.4 cm.

Goniobasis marylandica n. sp. Martin, G. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (131-270, with pl.).

Haliotis neuvillii n. sp. Bial de Bellerade. Bordeaux, Actes soc. linn., 58, 1903, (Pr. verb., CXCVI-CXCVIII).

Mangilia nn. spp. Martin, G. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (131-270, with pl.).

Mangilia duperrayi n. sp. **Peyrot**.
Feuille jeunes natural., Paris, (sér. 4),
33, 1903, (46-49, 53-56, 69-73).

Marginella calvertensis n. sp. **Martin**,
G. C. Maryland Geol. Surv. (Miocene),
Baltimore, **1904**, (131-270, with pl.).

Mitra mariana n. sp. **Martin**, G. C.
l.c.

Nassa nn. spp. **Martin**, G. C. *l.c.*

—— *miqueli* n. sp. **Peyrot**.
Feuille jeunes natural., Paris, (sér. 4), **33**,
1903, (46-49, 53-56, 69-73).

Odostomia nn. spp. **Martin**, G. C.
Maryland Geol. Surv. (Miocene), Balti-
more, **1904**, (131-270, with pl.).

Oliva harrisi n. sp. **Martin**, G. C.
l.c.

Pleurotoma (*Hemipleurotoma*) nn. spp.
et n. var. **Martin**, G. C. *l.c.*

Pyrula harrisi n. sp. **Martin**, G. C.
l.c.

Retusa (*Cylichnina*) *marylandica* n. sp.
Martin, G. C. *l.c.*

Rissoa (*Onoba*) *marylandica* n. sp.
Martin, G. C. *l.c.*

Scala nn. spp. **Martin**, G. C. *l.c.*

Siphonalia nn. spp. **Martin**, G. C.
l.c.

Surcula mariana n. sp. **Martin**, G. C.
l.c.

Tectura pissaroi n. sp. **Peyrot**.
Feuille jeunes natural., Paris, (sér. 4),
33, 1903, (46-49, 53-56, 69-73).

Teinostoma nn. spp. **Martin**, G. C.
Maryland Geol. Surv. (Miocene), Balti-
more, **1904**, (131-270, with pl.).

Terebra (*Acus*) *curvilineata* nn. var.
T. (Hastula) patuxentia n. sp. **Martin**,
G. C. *l.c.*

Trophon chesapeakeanus n. sp., *T.*
tetricus var. *laevis* n. var. **Martin**, G. C.
l.c.

Turbonilla (*Trigula*) *gubernatoria*
n. sp. **Martin**, G. C. *l.c.*

Turritella sokolovi n. sp.
Michailovskij, G. P. St. Peterburg,
Mem. Com. géolog., 1903, **13**, 4, (1-186);
rés. allem., (187-311).

Volva *iota* nn. var. **Martin**, G. C.
Maryland Geol. Surv. (Miocene), Balti-
more, **1904**, (131-270, with pl.).

2231.95 PLEISTOCENE AND RECENT.

Helicina occulta. **Shimek**, B. Daven-
port, Iowa, Proc. Acad. Sci., **9**, 1904,
(173-180).

Succinea (*Lucena*) *oblonga* Drp.
Kormos, T. Allatt. Közlem., Budapest,
3, 1904, (184).

Vivipara. **Kennard**, A. S. and **Wood-**
ward, B. B. London, Proc. Malac. Soc.,
6, pt. 1, 1904, (66, 67).

PELECYPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Corbiculina n. sect. (Type *Corbicula*
angasi Prime). **Dall**, W. H. Washington,
D.C., Proc. Biol. Soc., **16**, 1903, (5-8).

Cyclocalyx n. sect. (Type *Pisidium*
scholtzii Prime). **Dall**, W. H. *l.c.*

Cymatocyclas n. subgen. (Type
Pisidium compressum Prime). **Dall**,
W. H. *l.c.*

Cyrenodonax n. sect. (Type *C. formo-*
sana Dall). **Dall**, W. H. *l.c.*

Lucina gigantea. **Lapparent**, de.
Paris, C.-R. Acad. sci., **136**, 1903,
(1297-1298).

Miodontopsis n. nom. (= *Miodon*
Sandberger not Carpenter). **Dall**, W. H.
Washington, D.C., Proc. Biol. Soc., **16**,
1903, (5-8).

Tellinocyclas n. sect. (Type *Cyrena*
tellinella Deshayes). **Dall**, W. H. *l.c.*

Tropidocyclas n. subgen. (Type,
Pisidium henslowianum Sheppard).
Dall, W. H. *l.c.*

2231.50 LOWER PALAEOZOIC.

Anodontopsis wabashensis n. sp.
Kindle, E. M. and **Breger**, C. L.
Indiana, Rep. Dept. Geol. Nat. Res.,
Indianapolis, **28**, (1903), 1904, (428-486,
with pl.).

Conocardium nn. spp. **Kindle**, E. M.
and **Breger**, C. L. *l.c.*

Plethomytilus cuneatus n. sp. **Kindle**,
E. M. and **Breger**, C. L. *l.c.*

Streptomytilus n. gen. *S. wabashensis* n. sp. **Kindle**, E. M. and **Breger**, C. L. *l.c.*

Whitella ? *siluriana* n. sp. **Kindle**, E. M. and **Breger**, C. L. *l.c.*

2231.55 UPPER PALAEOZOIC.

Actinopteria spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (266, pl. XXXII, fig 9).

Anodontopsis ? *rudis* Sharp. **Reed**, F. R. C. *l.c.* (269).

Aviculopecten jonesii (McCoy, 1844, -*Pecten*). **Hind**, W. London, Monogr. Palaeont. Soc. 53, 1904, (129).

Bakewellia kingi n. nom. **Kittl**, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Bakewellia nikitoukensis n. sp. **Jakovlev**, N. St. Petersburg, Mém. Com. géolog., (nouv. sér.), Livr. 4, 1903, (1-26); rés. allem. (27-44).

Buchiola retrostriata var. **Buch**, mut. *pygmaea* n. mut. **Loomis**, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Buchiola semiimpressa n. sp. **Drevermann**, F. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (99-207).

Byssopteria ? sp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (265, pl. XXXII, fig. 8).

Cardiomorpha campestris n. sp. **Reed**, F. R. C. *l.c.* (254, pl. XXXI, fig. 6).

Conocardium beushauseni n. sp. **Drevermann**, F. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (99-207).

———— *eboraceum* Hall, mut. *pygmaeum* n. mut. **Loomis**, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Cyrtodontarca n. gen. (*C. bakewellii* n. sp. **Jakovlev**, N. St. Petersburg, Mém. Com. géolog., (nouv. sér.), Livr. 4, 1903, (12); rés. allem. (27-44).

Edmondia nn. spp. **Hind**, W. London, Monogr. Palaeont. Soc. 53, 1904, (147, 149-151).

Eurydesma. **Koken**, E. Centralbl. Min. Stuttgart, 1904, (97-107).

Glossites aff. depressus Hall. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, (254, pl. XXXI, fig. 5).

Grammysia spp. **Reed**, F. R. C. *l.c.* (252, pl. XXXI, fig. 3).

Grammysia constricta Hall, mut. *pygmaea* n. mut. **Loomis**, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Leda inornata Sharp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (255).

Leda rostellata Conrad mut. *pygmaea* n. mut. **Loomis**, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Limipecten n. gen. *L. texanus* n. sp. *L. texanus* var. *grandicostatus* n. var. **Girty**, G. H. Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., 27, 1904, (721-736, with 3 pls.).

Macrodon naliuckini n. sp. **Jakovlev**, N. St. Petersburg, Mém. Com. géolog., (nouv. sér.), Livr. 4, 1903, (1-26); rés. allem. (27-44).

Megambonia carbonifera n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., 53, 1904, (133).

Modiola wrighti n. sp. **Hind**, W. *l.c.* (132).

Modiomorpha spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (267, 268, pl. XXXII, figs. 10, 11).

Myalina excentrica n. sp. **Drevermann**, F. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (99-207).

Nothamusium n. gen. et nn. spp. **Hind**, W. London, Monogr., Palaeont. Soc., 53, 1904, (159-161).

Nucula lirata Conrad mut. *pygmaea* n. mut.; *N. corbuliformis* Hall, mut. *pygmaea* n. mut.; *N. varicosa* Hall, mut. *pygmaea* n. mut. **Loomis**, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Nuculites nn. spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (256-261, pls. XXXI-XXXII, figs. 1-3, 8-9a).

———— *triqueter* Conrad, mut. *pygmaeus* n. mut.; *N. oblongatus* Con-

rad, mut. *pygmaeus* n. mut. **Loomis**, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Orthonota aff. *undulata* Conr. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (251, pl. XXXI, fig. 2).

Palaeolima buchiana (De Koninck, 1844—*Avicula*). **Hind**, W. London, Monogr. Palaeont. Soc., 58, 1904, (126).

Palaeoneilo spp. *P. subantiqua* n. sp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (261-264, pl. XXXII, figs. 4-7).

———— *plana* Hall, mut. *pygmaea* n. mut.; *P. constricta* Conrad mut. *pygmaea* n. mut. **Loomis**, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Paracyclas dunoyeri (Portlock, 1843—*Lucina*). **Hind**, W. London, Monogr. Palaeont. Soc., 58, 1904, (163).

Paracyclas lirata Conrad, mut. *pygmaea* n. mut. **Loomis**, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Parallelodon nn. spp.; sp. **Hind**, W. London, Monogr. Palaeont. Soc., 58, 1904, (135, 137-138).

Pleurophorella n. gen. *P. papillosa* n. sp. **Girty**, G. H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 27, 1904, (721-736, with 3 pls.).

Posidoniella sulcata n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., 58, 1904, (134).

Praecardium? sp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (255, pl. XXXI, fig. 7).

Promyalina n. gen. *P. hindi* n. sp. **Kittl**, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Pterinopecten nn. spp. **Hind**, W. London, Monogr. Palaeont. Soc., 58, 1904, (128).

Sarguinolites sp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (252, pl. XXXI, fig. 4).

———— *bellerophontium* n. sp. **Kittl**, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

———— *monensis* n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., 58, 1904, (155).

Schizodus obovatus (McCoy, 1844—*Azinus*). **Hind**, W. l.c. (143).

Spathella cylindrica (McCoy, 1844—*Cypricardia*). *S. tumida* n. nom. **Hind**, W. l.c. (154, 155).

Streblopteria concentrica n. sp. **Hind**, W. l.c. (127).

2231.65 TRIASSIC.

Amonotis n. gen., *A. cancellaria* n. sp. **Kittl**, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Arca tirolensis n. sp. **Broili**, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Arcoptera nn. spp. **Broili**, F. l.c.

Arcoptera canaliculata n. sp. **Kittl**, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Avicula nn. spp. **Broili**, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

———— **Kittl**, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Radiotella nn. spp. **Broili**, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Cardiomorpha? *gymnitum* n. sp. **Kittl**, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Cucullaea (? *Macrodon*) nn. spp. **Broili**, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Gervillea nn. spp. **Broili**, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Gervilleia bosniaca n. sp. **Kittl**, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Halobia nn. spp. **Kittl**, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Iloferia compressa n. sp. **Broili**, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Lima aequilateralis n. sp. **Kittl, E.** Wien, Jahrb. Geol. RchsAnst., **53**, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Lima zitteli n. sp. **Broili, F.** Palaeontographica, Stuttgart, **50**, 1904, (145-227).

Macrodon nn. spp. **Broili, F.** l.c.

Myoconcha nn. spp. **Broili, F.** l.c.

———— **Kittl, E.** Wien, Jahrb. Geol. RchsAnst., **53**, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Myophoria acuticostata n. sp. **Broili, F.** Palaeontographica, Stuttgart, **50**, 1904, (145-227).

Mysidioptera nn. spp. **Broili, F.** l.c.

———— *glaberrima* n. sp. **Kittl, E.** Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Opis triptycha n. sp. **Kittl, E.** l.c.

Ostrea calceoformis n. sp. **Broili, F.** Palaeontographica, Stuttgart, **50**, 1904, (145-227).

Pachycardia alunulata n. sp. **Kittl, E.** Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

———— *plieningeri* n. sp. **Broili, F.** Palaeontographica, Stuttgart, **50**, 1904, (145-227).

Pecten nn. spp. **Kittl, E.** Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Prospondylus nn. spp. **Broili, F.** Palaeontographica, Stuttgart, **50**, 1904, (145-227).

2231.70 JURASSIC.

Astarte nn. spp. **Новайскы, D.** Moskva, Bull. Soc. Nat., **1903**, (222-292).

———— **Scalia, S.** Catania, Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

Aricula nn. spp. **Scalia, S.** l.c.

———— *huberti* n. sp. **Hoyer.** Centralbl. Min., Stuttgart, **1904**, (385-389).

Cardium spp. **Scalia, S.** Catania, Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

Ctenostreon pectiniformis Schlotheim. **Chapman, F.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (306-335, with 4 pls.).

Inoceramus nn. spp. **Flagel, K.** Centralbl. Min., Stuttgart, **1904**, (395-399).

———— *fuscus* Qn. **Prinz, G.** Földt. Évk., Budapest, **15**, 1904, 119, mit Taf. I).

Inoceramya n. gen. *I. concentrica* n. sp. **Ulrich, E. O.** [In: Alaska [Harri- man Expedition], edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([123]-146, with pl.).

Lima busambrensis sp. **Scalia, S.** Catania, Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

Macrodon nn. spp. **Scalia, S.** Catania, Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

———— *parallelum* n. sp. **Новайскы, D.** Moskva, Bull. Soc. Nat., **1903**, (222-292).

Modiola tagliarinii n. sp. **Scalia, S.** Catania, Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

Myoconcha grönländica n. sp. **Madsen, V.** Kjöbenhavn, Medd. Grönl., **29**, [1904], (157-210).

Mytilus boldaccii n. sp. **Scalia, S.** Catania, Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

———— *nikitiniensis* n. sp. **Новайскы, D.** Moskva, Bull. Soc. Nat., **1903**, (222-292).

Opis busambrensis n. sp. **Scalia, S.** Catania, Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

Pecten cinctus O. F. Müller. **Chap- man, F.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (306-335, with 4 pls.).

Perna casalcensis n. sp. **Scalia, S.** Catania, Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

Plicatula spp. **Scalia, S.** l.c.

2231.75 CRETACEOUS.

Area algermissensis n. sp. **Wolfe- mann, A.** Berlin, Jahrb. geol. Landes- anst., **24**, (1903), 1904, (22-42).

Arca justinae n. sp. **Wollemann, A.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (1-30).

Aracula kieslingwaldensis n. sp. **Sturm, F.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (39-98).

Cardium bullen-neutoni n. sp. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (78, pl. I, figs. (14-16).

Ceromya isocardioides n. sp. **Sturm, F.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (39-98).

Cicatrea sp. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (81, pl. I, fig. 13).

Corbula sp. **Etheridge, R. jun.** l.c. (83, pl. II, figs. 26, 27).

Cucullaea deichmülleri n. sp. **Sturm, F.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (39-98).

Cytherea? kaffraria n. sp. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (81, pl. II, figs. 20-22).

Donax andersoni n. sp. **Etheridge, R., jun.** l.c. (82, pl. II, figs. 23-25).

Eriphyla, spp. Goldf. **Etheridge, R., jun.** l.c. (79, pl. I, figs. 20-21).

Exogyra sp. **Etheridge, R. jun.** l.c. (72, pl. II, figs. 3-6).

——— **Toula, F.** Wien, Jahrb. Geol. RchsAnst., **54**, 1904, (1-46, mit 3 Taf.).

Gervillia spp. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (74, pl. II, figs. 11-12).

Goniomya nn. spp. **Sturm, F.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (39-98).

Inoceramus nn. spp. **Pálffy, M.** Földt. Közl., Budapest, **33**, 1903, (445-451, 489-495).

Isocardia heintzeli n. sp. **Wollemann, A.** Berlin, Abh. geol. Landesanst., (N.F.) **H 37**, 1902, (129 + 111).

Latiarca? natalensis Baily. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (77, pl. I, figs. 10-12A).

(K-14700)

Leda levini n. sp. **Wollemann, A.** Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Lima nn. spp. n. nom. **Woods, H.** London, Monogr. Palaeont. Soc., **58**, 1901, (4, 7, 22, 31, 37, 38, 51, 53).

Lima schmeisseri n. sp. **Wollemann, A.** Berlin, Abh. geol. Landesanst., (N.F.) **H 37**, 1902, (129 + 111).

Maetra zulu n. sp. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (82, pl. II, figs. 17-19).

Melina andersoni n. sp. **Etheridge, R. jun.** l.c. (73, pl. II, figs. 7-10).

Mytilus sp. **Etheridge, R., jun.** l.c. (74, pl. I, fig. 7).

Neithea sp. **Etheridge, R., jun.** l.c. (73, pl. II, fig. 13).

Ostrea sp. **Etheridge, R., jun.** l.c. (72, pl. II, figs. 1-2).

Ostrea nn. spp. **Wollemann, A.** Berlin, Abh. geol. Landesanst., (N.F.) **H 37**, 1902, (129 + 111).

Panopaea nn. spp. **Sturm, F.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. pers., (39-98).

Pecten barthi n. sp. **Wollemann, A.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (1-30).

Pinna sp. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (74).

Protocardium hillanum J. Son. var. *umkelanensis* n. var. **Etheridge, R., jun.** l.c. (79, pl. I fig. 6).

Pseudocucullaea n. gen. et nn. spp. **Solger, F.** Berlin, Zs. D. geol. Ges., **55**, 1903, Protokolle, (76-83).

Sphaerulites dobrudschensis n. sp. **Toula, F.** Wien, Jahrb. Geol. Rchs-Anst., **54**, 1904, (1-46, mit 3 Taf.).

Tapes, sp. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (82, pl. I fig. 9).

Trigonarca umzambaniensis Baily. **Etheridge, R., jun.** l.c. (pl. I, figs. 1-5).

Trigonia glaciana n. sp. **Sturm, F.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. pers., (39-98).

Trigonia umkelanensis n. sp. Etheridge, R., jun. Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., 1904, (76, pl. I, figs. 14-19).

Venus sudetica n. sp. Sturm, F., Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (39-98).

2231.80 CAENOZOIC.

Chlamys nn. spp. Ugolini, R. Riv. ital. paleont., Bologna, 9, 1903, (77-95).

Dicaricella chipolana n. sp. Dall, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Myrtæa limoniana n. sp. Dall, W. H. l.c.

Pecten nn. spp.; nn. varr. Ugolini, R. Riv. ital. paleont., Bologna, 9, 1903, (77-95).

Phacoides (Parrilucina) piluliformis n. sp. Dall, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Anomalocardia nn. spp. Dall, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Area nn. spp. Oppenheim, P. [In: E. Esch. u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Astarte (Goodallia?) americana n. sp. Dall, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Astarte niescharensis n. sp. Skrinnikov, A. Varsava, Izv. Univ., 1903, 1, (1-30).

Astarte wagneri n. sp. Dall, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Callocardia (Agriopoma) nn. spp. Dall, W. H. l.c.

Cardita camerunensis n. sp. Oppenheim, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Cardita (Carditamera) teges n. sp. Dall, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Cardium lensi n. sp. Oppenheim, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Chama nn. spp. Dall, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Chione (Chamelea) nn. spp. *Chione chipolana* n. sp. *Chione (Lirophora)* nn. spp. Dall, W. H. l.c.

Circe koeneni n. sp. Skrinnikov, A. Varsava, Izv. Univ., 1903, 1, (1-30).

Codakia nn. spp. Dall, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Corbula nn. spp. Oppenheim, P. [In: E. Esch. u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Crassatellites (Crassinella) nn. spp. *Crassatellites (Scambula)* nn. spp. Dall, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Cuspidaria (Boudenia) distira n. sp. Dall, W. H. l.c.

Cuspidaria (Cardiomya) craspedonia n. sp. Dall, W. H. l.c.

Cyathodonta nn. spp. Dall, W. H. l.c.

Cyclinella gatunensis n. sp. Dall, W. H. l.c.

Cyrena oblonga n. sp. Skrinnikov, A. Varsava, Izv. Univ., 1903, 1, (1-30).

Cytherea nn. spp. Oppenheim, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

———— nn. spp. Dall, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Dosinia (Dosinidia) nn. spp. l.c.

Echinochama antiquata n. sp. **Dall**, W. H. l.c.

Gafrarium (*Gouldia*) nn. spp. **Dall**, W. H. l.c.

Grateloupia (*Cytheriopsis*) *alumensis* n. sp. **Dall**, W. H. l.c.

Leda substriatula n. sp. **Oppenheim**, P. [In: E. Esch. n. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Lirodiscus wailesii n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Lucina. **Bonarelli**, G. Roma, Boll. Soc. geol. ital., **22**, 1903, (444-445).

Lucina nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Lucina camerunensis n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Macrocallista acuminata n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Macrocallista (*Chionella*?) *gilberti* n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Macra? *rhomboidea* n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Mesodesma alaskensis n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Modiolus nn. spp. **Dall**, W. H. l.c.

Myrtia (*Eulopia*) nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Nucula perköo n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Ostrea choffati n. sp. **Oppenheim**, P. l.c.

(K-11700)

Pandora (*Kennerleyia*) *dodona* n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate 28.5 cm.

Phacoides nn. spp. **Dall**, W. H. l.c.

Pitaria nn. spp. **Dall**, W. H. l.c.

Poromya jamaicensis n. sp. **Dall**, W. H. l.c.

Spheniopsis americana n. sp. **Dall**, W. H. l.c.

Spisula callistæformis n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Thracia icuriana n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Tirela jamaicensis n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Transennella nn. spp. **Dall**, W. H. l.c.

Tridacna. **Bonarelli**, G. Roma, Boll. Soc. geol. ital., **22**, 1903, (445).

Venericardia nn. spp.; *V.* (*Miodontiscus*) n. nom. (= *Miodon* Carpenter). **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Verticordia nn. spp. **Dall**, W. H. l.c.

Yoldia nn. spp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Abra marylandica n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274 + 401, with pl.).

Anomalocardia dupliniana n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Arca (Scapharca) elnia n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).

Astarte nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

——— **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).

Atrina piscatoria n. sp. **Glenn**, L. C. l.c.

Bornia nn. spp. **Glenn**, L. C. l.c.

Callocardia (Agriopoma) prunensis n. sp. **Glenn**, L. C. l.c.

Callocardia ? (Pitaria) kineaidii n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Cardita (Carditamera) nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Cardita chaylai n. sp. **Meunier**, S. Naturaliste, Paris, (sér. 2), 25, 1903, (55-56).

Cardium nn. spp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).

Chama calocsa n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Chione nn. spp. **Dall**, W. H. l.c.

Chione parkeria n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).

Codakia (Jagonia) magnoliana n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Crassatellites (Crassinella) nn. spp. **Dall**, W. H. l.c.

Crenella nn. spp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).

Cyrena (Pseudocyrena) dupliniana n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Cytherca willecoxi n. sp. **Dall**, W. H. l.c.

Dicaricella compta n. sp. **Dall**, W. H. l.c.

Dosinia ? alaskana n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Erycina nn. spp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).

Erycinella (Carditopsis) bernardi n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Gemma nn. spp. **Dall**, W. H. l.c.

Isocardia nn. spp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).

Kellia rotundula n. sp. **Glenn**, L. C. l.c.

Lithophaga ionensis n. sp. **Glenn**, L. C. l.c.

Lucina. **Stefano** (Di), G. Catania, Atti Acc. Gioenia, (Ser. 4), 16, 1903, (1-71, con tav.).

Lyonsia acuta n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Macoma marylandica n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).

Maetra fragilis n. sp. **Laskarev**, V. St. Peterburg, Mém. Com. géolog., (nouv. sér.), Livr. 5, 1903, (1-126); rés. allem. (127-148).

Mesodesma mariana n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).

Modiolaria curta n. sp. **Glenn**, L. C. l.c.

Modiolus nn. spp. **Glenn**, L. C. l.c.

Nucula degrangei n. sp. **Peyrot**. Feuille jeunes natural., Paris, (sér. 4), 33, 1903, (46-49, 53-56, 69-73).

Pandora (Kennerlia) grandis. **Rivers**, J. J. Los Angeles, Bull. So. Cal. Acad. Sci., 1, 1902, (69).

Pandora (Kennerleyia) nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903,

(i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Papyridae harrimani n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Pecten spp. **Crema**, C. Roma, Boll. Comitato geol., **34**, 1903, (47-54).

Pecten nn. spp. **Michailovskij**, G. P. St. Petersburg, Mém. Com. géolog., 1903, **13**, 4, (1-186); rés. allem. (187-311).

Phacoides nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Pitaria nn. spp. **Dall**, W. H. l.c.

Protothaca greeningkii n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Psammobia gubernatoria n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (274-401, with pl.).

Saxidomus popofianus n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Spisula (Hemimactra?) chesapeakeensis n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, 274-401, with pl.).

Sportella nn. spp. **Glenn**, L. C. l.c.

Tapes retuloides n. sp. **Michailovskij**, G. P. St. Petersburg, Mém. Com. géolog., 1903, **13**, 4, (1-186), rés. allem. (187-311).

Thecodonta (Diceranodesma) calvertensis n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (274-401, with pl.).

Transennella nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Trochita alaskana n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Venericardia castrana n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (274-401, with pl.).

Venericardia (Cyclocardia) californica n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Venus. **Dollfus**, G. F. J. conchyliol., Paris, **50**, 1902, (423-428).

Venus ukrainica n. sp. **Michailovskij**, G. P. St. Petersburg, Mém. Com. géolog., 1903, **13**, 4, (1-486); rés. allem. (187-311).

2231.95 PLEISTOCENE AND RECENT.

Astarte polaris nn. spp. **Dall**, W. H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **26**, 1903, (933-951, with 2 pls.).

Pisidium costatum n. sp. **Sterki**, V. Nautilus, Boston, Mass., **17**, 1903, (20-22).

Portlandia arctica Gray. **Øyen**, P. A. Kristiania, Forh. Vid. selsk., No. **11**, 1903, (10).

AMPHINEURA.

2231.70 JURASSIC.

Chiton nn. spp. **Seah**, S. Catania, Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Chartopleura apiculata. **Martin**, G. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (270-271, with pl.).

SCAPHOPODA.

2231.55 UPPER PALAEOZOIC.

Clavulites n. gen. *C. howardensis* n. sp. **Girty**, G. H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (721-736, with 3 pls.).

Entalis nn. spp. **Kittl**, E. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, 1904, (515-748, mit 3 Taf. und 1 Karte).

2231.70 JURASSIC.

Dentalium cristallinum n. sp. **Scalia**, S. Catania, Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

INCERTAE SEDIS.**2231.50 LOWER PALAEOZOIC.**

Clinactichnites. **Woodworth**, J. B. Albany Univ., N.Y., Bull. St. Mus., No. **69**, 1903, (959-966).

2231.70 JURASSIC.

Asterius spp. **Scalia**, S. Catania, Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

Trichotoma spp. **Scalia**, S. l.c.

2231.90 UPPER CAENOZOIC (MIOCENE PLIOCENE).

Papyrotheca. **Rzehak**, A. Wien, Verh. Geol. RchsAnst., **1903**, (258-259).

2431 ARTHROPODA INCLUDING INSECTA.**2431.55 UPPER PALAEOZOIC.**

Archoblattina n. nom. (= *Megablattina* Sellards not Brongniart). **Sellards**, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (488).

Etblattina nn. spp. **Sellards**, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (113-134, 213-227, with 1 pl. and text fig.).

Gerablattina arcuata n. sp. **Sellards**, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (213-227, with text fig.).

Homoioptera gigantea. **Agnus**, A. N. Naturaliste, Paris, (sér. 2), **25**, 1903, (53-55).

Mylacris anceps n. sp. **Sellards**, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (113-134, with 1 pl. and text fig.).

Schizoblattina n. gen. *S. multinervia* n. sp. **Sellards**, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (213-227, with text fig.).

2431.70 JURASSIC.

Palaeontina vidali n. sp. **Meunier**, Fernand. Un nouveau Cicadine du Kiméridgien . . . Barcelona (A. Lopez Robert), 1902, (6).

2431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Stenoptera n. gen. *S. mufferi* n. sp. **Meunier**, F. Nouvelles recherches sur quelques Cecidomyidae . . . Bruxelles (Polleunis et Ceuterick), 1901, (23).

2431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Cyclonotum muelleri n. sp. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (31-38).

2431.95 PLEISTOCENE AND RECENT.

Cicindela. **Wickham**, H. F. Amer. Nat., Boston, Mass., **38**, 1904, (643-654).

Cyclonotum muelleri n. sp. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (31-38).

2631 CRUSTACEA.**2631.50 LOWER PALAEOZOIC.**

Aechmina jonesi n. sp. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (299-319, with 5 pls.).

Aparchites suboratus Jones. **Chapman**, F. l.c.

Aptychopsis victoriac n. sp. **Chapman**, F. l.c.

Argilloecia acuta Jones and Kirby. **Chapman**, F. l.c.

Bythocypris spp. et var. **Chapman**, F. l.c.

Ceratiocaris cf. *murchisoni* Ag. C.
pritchardi n. sp. Chapman, F. l.c.

Cypridina antiqua n. sp. Jones, T. R.
Geol. Mag., London (ser. 2), [5], 1, 1904,
(439).

Dithyrocaris praecox n. sp. Chapman,
F. Melbourne, Proc. R. Soc. Vict.,
(N. Ser.), 17, 1904, (299-319, with
5 pls.).

Isochilina labrosa Jones. Chapman,
F. l.c.

Macrocypris flexuosa n. sp. Chapman,
F. l.c.

Primitia spp. et var.; nn. spp. Chap-
man, F. l.c.

Xestoleberis nn. spp. et n. var. Chap-
man, F. l.c.

2631.55 UPPER PALAEOZOIC.

Entomis prosephina n. sp. Loomis,
F. B. Albany Univ., N.Y., Bull. St.
Mus., No. 69, 1903, (892-920).

2631.65 TRIASSIC.

Estheria. Walther, J. Centralbl.
Min. Stuttgart, 1904, (195).

2631.70 JURASSIC.

Archaeolepas neptunus n. sp. Scalia,
S. Catania, Bull. Acc. Gioenia, 1903,
(fasc. 76, 33-37, estr. 1-5).

Cythere n. sp. et nn. varr. Chapman,
F. Melbourne, Proc. R. Soc. Vict.,
(N. Ser.), 16, 1904, (185-206, with
2 pl.).

Cytheropteron australiense n. sp.
Chapman, F. l.c.

Loxoconcha nn. spp. Chapman, F.
l.c.

Paradoxorhyncha n. gen. *P. forceolata*
n. sp. Chapman, F. l.c.

Scalpellum cristallinum n. sp. Scalia,
S. Catania, Bull. Acc. Gioenia, 1903,
(fasc. 76, 33-37, estr. 1-5).

2631.75 CRETACEOUS.

Bythocypris simulata Brady. Chap-
man, F. Cape Town, Ann. S. Afric.
Mus., 4, 1904, (233, fig. 20).

Cytherea drupacea Jones. Chapman, F.
l.c. (234).

Cythereis ornatissima Reuss. var. *reti-
culata* J. and H. Chapman, F. l.c.

Cytherella williamsoniana Jones.
Chapman, F. l.c. (236).

Cytheridea longicaudata n. sp. Chap-
man, F. l.c. (234, pl. XXIX, fig. 21).

Cytheropteron elongato-concentrum n.
sp. Chapman, F. l.c. (235, pl. XXIX,
figs. 23, 23A).

Macrocypris simplex Chapm. Chap-
man, F. l.c. (233, figs. 22, 22A, 22B).

2631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Microcystes n. gen. *M latifrons* n. sp.
Lőrenthey, I. Math. Term. Ért., Buda-
pest, 22, 1904, (160-167).

2631.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Balanus concavus. Martin, G. O.
Maryland Geol. Surv. (Miocene), Balti-
more, 1904, (94-97, with pl.).

Cancer bittneri n. sp. Toulal, F.
Wien, Jahrb. Geol. RchsAnst., 54, 1904,
(161-168).

Cancer frasi n. sp. Lőrenthey, I.
Math. Term. Ért., Budapest, 22, 1904,
(160-167).

Cythere nn. spp. et nn. varr. Ulrich,
E. O. and Bassler, R. S. Maryland
Geol. Surv. (Miocene), Baltimore, 1904,
(98-130, with pl.).

Cythereis n. sp. et n. var. Ulrich, E.
O. and Bassler, R. S. l.c.

Cytheridea nn. spp. Ulrich, E. O.
and Bassler, R. S. l.c.

Cytherideis nn. spp. Ulrich, E. O.
and Bassler, R. S. l.c.

Cytheropteron nodosum n. sp. Ulrich,
E. O. and Bassler, R. S. l.c.

Ebalia n. sp. Lőrenthey, I. Math.
Term. Ért., Budapest, 22, 1904, (160-
167).

Hepatinulus lovisatoi n. sp. Lőren-
they, I. l.c.

Lambropsis n. gen. *L. vanneri* n. sp. Lörenthey, I. l.c.

Lobocarcinus n. sp. ? Lörenthey, I. l.c.

Micromaja laevis n. sp. Lörenthey, I. l.c.

Pagurus mezi n. sp. Lörenthey, I. l.c.

Plagiolophus markgrafi n. sp. Lörenthey, I. l.c.

Typilobus trispinosus n. sp. Lörenthey, I. l.c.

2831.95 PLEISTOCENE AND RECENT.

Calappa lophos Herbst. Man, J. G. de. Leiden, Samml. Geol. Reichsmus., (Ser. 1), 7, [1904], (254-278, mit 2 Taf.).

Macrophthalmus granulatus n. sp. Man, J. G. de. l.c.

Metopoxantho n. gen. *M. martini* n. sp. Man, J. G. de. l.c.

Myra sp. Man, J. G. de. l.c.

Podophthalmus vigil Fabr. Man, J. G. de. l.c.

2831 XIPHOSURA, EURIPTERIDA, TRILOBITA.

2831.50 LOWER PALAEOZOIC.

Agnostus gibbus Linns. var. *schetzii* n. var. Brogger, W. C. Norges geol. Und., Kristiania, 35, 1903, (3).

Agnostus kocerferi n. sp. Monke, H. Berlin, Jahrb. geol. Landesanst., 23, (1902), 1903, (103-151).

Brontopsis ardmillaensis n. sp. Reed, F. R. C. London, Monogr. Palaeont. Soc., 58, 1904, (92).

Bronteus grayi n. sp. *B. craigensis* n. nom. Reed, F. R. C. l.c. (89, 90).

Drepanura kettelcri n. sp. Monke, H. Berlin, Jahrb. geol. Landesanst., 23, (1902), 1903, (103-151).

Encrinurus indianensis n. sp. Kindle, E. M. and Breger, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, 22, (1903), 1904, (428-486, with pl.).

———— *multisegmentatus*. Reed, F. R. C. Geol. Mag., London, (ser. 2) [5], 1, 1904, (387).

Eurypterus pittsfordensis n. sp. Searle, C. J. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (1080-1108, with 21 pls.).

Hughmilleria n. gen. n. sp. et n. var. Searle, C. J. l.c.

Iliaenus nn. spp. Reed, F. R. C. London, Monogr. Palaeont. Soc., 58, 1904, (68).

Linostracina n. gen. *L. krausei* n. sp. Monke, H. Berlin, Jahrb. geol. Landesanst., 23, (1902), 1903, (103-151).

Phacops robertsi n. sp.; spp. Reed, F. R. C. Geol. Mag., London, (ser. 2) [5], 1, 1904, (106, 383-388).

Proetus pseudolatifrons n. sp.; 1 sp. Reed, F. R. C. London, Monogr. Palaeont. Soc., 58, 1904, (76, 78).

Pterygotus monroensis n. sp. Searle, C. J. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (1080-1108, with 21 pls.).

Stephanocare n. gen. *S. richthofeni* n. sp. Monke, H. Berlin, Jahrb. geol. Landesanst., 23, (1902), 1903, (103-151).

Teinistion n. gen. et nn. spp. Monke, H. l.c.

2831.55 UPPER PALAEOZOIC.

Dalmanites lunatus n. sp. Lake, P. Cape Town, Ann. S. Afric. Mus., 4, 1904, (212, pl. XXV, fig. 6).

Homalonotus nn. spp. Lake, P. l.c. (214, 216, pl. XXVI, XXVII, figs. 1-3).

Phacops nn. spp. Drevermann, F. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (99-207).

———— nn. spp.; spp. Lake, P. Cape Town, Ann. S. Afric. Mus., 4, 1904, (203, 205, 207, 209, 210, 213).

Phillipsia bittneri n. sp. Kittl, E. Wien, Jahrb. Geol. RchsAnst., 58, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Presturichia signata n. sp. **Beecher**, C. E. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (23-24, with text fig.).

Proetus? nn. spp. **Drevermann**, F. Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (99-207).

Typhloniscus bainii Salt. **Lake**, F. Cape Town, Ann. S. Afric. Mus., **4**, 1904, (213, pl. XXV, figs. 8, 9).

3031 ARACHNIDA.

3031.55 UPPER PALAEOZOIC.

Eoscorpius sparthensis n. sp. **Baldwin**, W. Manchester, Trans. Geol. Soc., **28**, pt. 17, 1904, (525).

——— n. sp. **Baldwin**, W. and **Sutcliffe**, W. H. London, Q. J. Geol. Soc., **60**, 1904, (394-399, with figs.).

5231 VERTEBRATA.

5231.95 PLEISTOCENE AND RECENT.

Ursus spelaeus. **Klaatsch**, [H.] Zs. Ethn., Berlin, **36**, 1904, (117-119).

5431 PISCES.

5431.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Fajumia n. gen. *F. schuënfurthi* n. sp. **Stromer**, E. N. Jahrb. Min., Stuttgart, **1904**, **1**, (1-7).

Socnopaëa n. gen. *S. grandis* n. sp. **Stromer**, E. l.c.

5431.50 LOWER PALAEOZOIC.

Tremataspis. **Jaekel**, Otto. Berlin, Zs. D. geol. Ges., **55**, Protokolle, 1903, (84-93).

5431.55 UPPER PALAEOZOIC.

Bothriolepis coloradensis n. sp. Colorado. **Eastman**, C. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (253-260, with text fig.).

Cephalacpis spp. Ray Lank. **Niedzwiedzki**, J. Kosmos, Lwów, **28**, 1903, (564-565).

Coelacanthus summiti n. sp. **Wellburn**, E. D. Yorks. Proc. Geol. Polyt. Soc., **15**, pt. 1, [1904], (71).

Edestus triserratus n. sp. **Newton**, E. T. London, Q. J. Geol. Soc., **60**, 1904, (6).

Elonichthys ornatus n. sp. **Wellburn**, E. D. Yorks. Proc. Geol. Polyt. Soc., **15**, pt. 1, [1904], (75).

Gyracanthides n. gen. **Woodward**, A. S. London, Rep. Brit. Ass., **1903**-(04), (662).

Pteraspis crouchi Lankester. **Leriche**, M. Lille, Ann. soc. géol., **32**, 1903, (161-174, av. 2 pl.).

Rhadinichthys elegans n. sp. **Wellburn**, E. D. Yorks. Proc. Geol. Polyt. Soc., **15**, pt. 1, [1904], (72).

Rhynchodus pertenuis n. sp. **Eastman**, C. R. Amer. Nat., Boston, Mass., **38**, 1904, (295-299).

5431.65 TRIASSIC.

Nephrotus chorzoviensis. **Scupin**, H. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (465-474).

5431.75 CRETACEOUS.

Elopopsis smith-woodwardi n. sp. **Bayer**, F. Wien, Verh. Geol. Rchs-Anst., **1903**, (267-275).

Hoplopteryx brevis n. sp. **Bayer**, F. l.c.

Ischyodus bohemicus. **Bayer**, F. l.c.

Otolithus (*Sparidarum?*) *coffea* n. sp. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Parelops n. gen. *P. prazakii* n. sp. **Bayer**, F. Wien, Verh. Geol. Rchs Anst., **1903**, (267-275).

Ptychodus. **Woodward**, A. S. London, Q. J. Geol. Soc., **60**, 1904, (133-136).

Schizospondylus n. gen. *S. dubius* n. sp. **Bayer**, F. Wien, Verh. Geol. RchsAnst., **1903**, (267-275).

Serranus cretaceus n. sp. **Bayer, F.**
l.c.

Tachyneustes rinarensis n. sp. **Bayer, F.** l.c.

5431.80 MESOZOIC (SECOND-ARY).

Torpedo hilgendorfi n. sp. **Jaekel, O.**
[In: E. Esch. u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (287-291).

5431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Acanthias geelongensis n.sp. **Chapman, F. and Pritchard, G. B.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Asteracanthus eocaenicus **Tate.**
Chapman, F. and Pritchard, G. B. l.c.

Caranx petrodavus n. sp. **Simionescu, J.** Wien, Verh. Geol. RchsAnst., 1904, (147-149).

Carcharias acutus Ag. **Chapman, F. and Pritchard, G. B.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Carcharodon spp. **Chapman, F. and Pritchard, G. B.** l.c.

Cestracion cainozoicus n. sp. **Chapman, F. and Pritchard, G. B.** l.c.

Galeocerdo davisii nom. mut.; spp. **Chapman, F. and Pritchard, G. B.** l.c.

Gobius elongatus n. sp. **Simionescu, J.** Wien, Verh. Geol. RchsAnst., 1904, (147-149).

Krambergeria n. gen. *K. lanceolata* n. sp. **Simionescu, J.** Wien, Verh. Geol. RchsAnst., 1904, (147-149).

Lamna spp. **Chapman, F. and Pritchard, G. B.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Notidamus jenningsi n. sp. **Chapman, P. and Pritchard, G. B.** l.c.

Odontaspis spp. **Chapman, F. and Pritchard, G. B.** l.c.

Oxyrhina spp. **Chapman, F. and Pritchard, G. B.** l.c.

Pycnodus n. sp. ? **Koch, A.** Földt. Közl., Budapest, 34, 1904, (334-335, 367-368).

Sphyracnodus cf. *priscus* Ag. **Koch, A.** Földt. Közl., Budapest, 34, 1904, (332-333, 365-366).

Sphyrna priscus Ag. **Chapman, F. and Pritchard, G. B.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Syngnathus cosmovicii n. sp. **Simionescu, J.** Wien, Verh. Geol. RchsAnst., 1904, (147-149).

5431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Acanthias geelongensis n. sp. **Chapman, F. and Pritchard, G. B.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Asteracanthus eocaenicus **Tate.** **Chapman, F. and Pritchard, G. B.** l.c.

Brosmius strossmayeri **Kramb.** **Koch, A.** Budapest, Ann. Hist. Nat. Mus. Nat. Hung., 2, 1904, (1-72).

Carcharias spp. **Koch, A.** Földt. Közl., Budapest, 34, 1904, (193, 263, 264).

——— nn. spp. **Eastman, C. R.** Maryland Geol. Surv. (Miocene), Baltimore, 1904, (71-93).

——— *acutus* Ag. **Chapman, F. and Pritchard, G. B.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Carcharodon spp. **Chapman, F. and Pritchard, G. B.** l.c.

——— *humilis* n. sp.; spp. **Koch, A.** Földt. Közl., Budapest, 34, 1904, (193-195, 264-266, Taf. I).

Cestracion cainozoicus n. sp. **Chapman, F. and Pritchard, G. B.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Diplomystus marmorensis n. sp. **Woodward, A. S.** [In: **Newton, R. B.**] London, G. J. Geol. Soc., 60, 1904, (284).

Gadus (Merlangus) pannonicus n. sp. **Koch, A.** Budapest, Ann. Hist.-Nat. Mus. Nat. Hung., 2, 1904, (1-72).

Galeocerdo davisii nom. mut.; spp. **Chapman, F. and Pritchard, G. B.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (267-297, with 2 pls.).

——— cf. *latidens* Ag. **Koch, A.** Földt. Közl., Budapest, **34**, 1904, (192, 263).

——— *triqueter* n. sp. (ex Cope M.S.). **Eastman, C. R.** Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (71-93).

Gyrodus sp.? **Koch, A.** Budapest, Ann. Hist.-Nat. Mus. Nat. Hung., **2**, 1904, (1-72).

Hemipristis serra Ag. **Koch, A.** Földt. Közl., Budapest, **34**, 1904, (193, 263).

Lamna spp. **Chapman, F. and Pritchard, G. B.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (267-297, with 2 pls.).

——— (*Odontaspis*) *macrota* Ag. var. *hungarica* n. var.; spp. **Koch, A.** Földt. Közl., Budapest, **34**, 1904, (195, 266).

Lates pliocaenus n. sp. **Koch, A.** Budapest, Ann. Hist.-Nat. Mus. Nat. Hung., **2**, 1904, (1-72).

Myliobatis frangens n. sp. **Eastman, C. R.** Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (71-93).

Notidanus primigenius Ag. n. var., *N. diffusidens* n. form. **Koch, A.** Földt. Közl., Budapest, **34**, 1904, (192, 202, 203, 262, 271).

Notidanus jenningsi n. sp. **Chapman, F. and Pritchard, G. B.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (267-297, with 2 pls.).

Odontaspis spp. **Chapman, F. and Pritchard, G. B.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (267-297, with 2 pls.).

Otodus cf. *apiculatus* Ag. **Koch, A.** Földt. Közl., Budapest, **34**, 1904, (196, 266-267, Taf. 1).

Oxyrhina spp. **Chapman, F. and Pritchard, G. B.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (267-297, with 2 pls.).

——— spp. **Koch, A.** Földt. Közl., Budapest, **34**, 1904, (196, 267).

Serranus Cur. sp. **Koch, A.** Budapest, Ann. Hist.-Nat. Mus. Nat. Hung., **2**, 1904, (1-72).

Smerdis cf. *macrurus* Ag. **Koch, A.** Földt. Közl., Budapest, **34**, 1904, (333-334, 366-367).

Sparoides umbonatus (Münst.) Probst. sp. cf. *sphaericus* Probst. **Koch, A.** Földt. Közl., Budapest, **34**, 1904, (197, 268).

Sphyraenodus hexagonalis n. sp. **Koch, A.** Budapest, Ann. Hist.-Nat. Mus. Nat. Hung., **2**, 1904, (1-72).

Sphyrna prisca Ag. **Chapman, F. and Pritchard, G. B.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (267-297, with 2 pls.).

Squatina occidentalis n. sp. **Eastman, C. R.** Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (71-93).

5631 REPTILIA AND BATRACHIA.

5631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Mesosaurus tenuidens P. Gervais. **Vaillant, L.** Paris, C.-R. Acad. sci., **136**, 1903, (1286-1287).

5631.55 UPPER PALAEOZOIC.

Aspidosaurus n. gen. *A. chiton* n. sp. **Broili, F.** Palaeontographica, Stuttgart, **51**, 1904, (1-120).

Cardiocephalus n. gen. *C. sternbergi* n. sp. **Broili, F.** l.c.

Diplocaulus nn. spp. **Broili, F.** l.c.

Gephyrostegus n. gen. *G. bohemicus* n. sp. **Jaekel, O.** Berlin, Zs. D. geol. Ges., **54**, 1902, Protokolle, (127-132).

Mesosaurus. **Broom, R.** Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (103-112, pl. IX).

Seymouria n. gen. *S. baylorensis* n. sp. **Broili, F.** Palaeontographica, Stuttgart, **51**, 1904, (1-120).

Varanosaurus n. gen. *V. acutirostris* n. sp. **Broili, F.** l.c.

5631.65 TRIASSIC.

Aphaneramma n. gen. *A. rostratum* n. sp. Woodward, A. S. London, Proc. Zool. Soc., 1904, II, (170-173).

Capitosaurus stantonensis n. sp. Woodward, A. S. l.c.

Cynognathus spp. Broom, R. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1904, (82, 84).

Glanosuchus n. gen., *G. macrops* n. sp. Broom, R. Cape Town, Trans. S. Afric. Phil. Soc., 15, 1904, (85).

Gomphognathus kannemeyeri. Broom, R. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1904, (85).

Metoposaurus fraasi n. sp. Lucas, F. A. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 27, 1904, (193-195, with pl.).

Opisthoctenodon n. gen., *O. agilis* n. sp. Broom, R. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1904, (69-73).

Oudenodon megalorhinus n. sp. Broom, R. l.c. (180-181).

Oudenodon trigoniceps n. sp. Broom, R. l.c. (73-75).

Placerias n. gen., *P. hesternus* n. sp. Lucas, F. A. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 27, 1904, (193-195, with pl.).

Pristerognathus n. gen., *P. baini* n. sp. Broom, R. Cape Town, Trans. S. Afric. Phil. Soc., 15, 1904, (87).

Procolophon. Broom, R. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1904, (88).

Prodicynodon n. gen., *P. pearstonensis* n. sp. Broom, R. l.c. (69-73).

Ptychocynodon n. gen., *P. pentangulatus* n. sp. Seeley, H. G. Ann. Mag. Nat. Hist., London, 14, pt. 7, 1904, (290).

Scapanodon n. gen., *S. duplessisi* n. sp. Broom, R. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1904, (182).

Stegomus longipes n. sp. Emerson, B. K. and Loomis, F. B. Amer. J. Sci., New Haven, Conn., (Ser. 4), 17, 1904, (377-380, with pl.).

——— Lull, R. S. Amer. J. Sci., New Haven, Conn., (Ser. 4), 17, 1904, (381-382, with text fig.).

Tamboeria n. gen., *T. maraisi* n. sp. Seeley, H. G. Ann. Mag. Nat. Hist., London, 14, pt. 7, 1904, (336).

Telerpeton elginense. Boulenger, G. A. London, Proc. Zool. Soc., 1904, 1, (470-480).

Trirachodon kannemeyeri. Broom, R. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1904, (86).

5631.70 JURASSIC.

Dystrophaeus tiae malae. Huene, F. von. N. Jahrb. Min., Stuttgart, Beilagebd, 19, 1904, (319-333).

Ichthyosaurus extremus n. sp. Boulenger, G. A. London, Proc. Zool. Soc., (Abs. 1904, No. 5, (18), 1904, I, (424); abstract, ib., 1904, No. 5, (18).

Notochampsia n. gen., *N. istedana* n. sp. Broom, R. Geol. Mag., London, (Ser. 2) [5], 1, 1904, (582).

Ophthalmosaurus. Fraas, E. Kjöbenhavn, Medd. Grönl., 29, 1904, (277-285).

Plesiosaurus. Gwinnell, W. F. London, Q. J. Geol. Soc., 60, 1904, (359).

Thalassemys marina. Fraas, E. Stuttgart, Jahreshefte Ver. Natk., 59, 1903, (72-104).

5631.75 CRETACEOUS.

Adocus. Wieland, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), 17, 1904, (112-132).

Algoasaurus n. gen. *A. bauri* n. sp. Broom, R. Geol. Mag., London, (Ser. 2), [5], 1, 1904, (445).

Aspideretes beecheri Hay (= *Trionyx forcatus* G. Baur, not of Leidy). Hay, O. P. Pittsburg, Pa., Ann. Carnegie Mus., 3, 1904, (178-182, with text fig.).

Baëna callosa n. sp. Montana. Hay, O. P. l.c. (178-182, with text fig.).

——— *hatcheri* n. sp. Hay, O. P. l.c. 1, 1901, (325-326).

Cyclotosaurus albertyni n. sp. Broom, R. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1904, (180).

Lytoloma. **Wieland**, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (183-196, with text fig. and 4 pls.).

Mochlodon. **Nopcsa**, Franz Baron. Wien, Denkschr. Ak. Wiss., **74**, 1904, (229-263, mit 2 Taf.).

Osteopygis gibbi n. sp. **Wieland**, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **17**, 1904, (112-132).

Propleura borealis n. sp. **Wieland**, G. R. l.c.

Pteranodon. **Eaton**, G. F. Amer. J. Sci., New Haven, Conn., (Ser. 4), **17**, 1904, (318-320, with 2 pls.).

Trachodon annectens. **Lucas**, F. A. Washington, D.C., Smithsonian Inst. Misc. Collect. Q., **45**, 1904, (317-320).

5631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Aspideretes beecheri n. sp. **Hay**, O. P. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (261-276, with text fig.).

Baëna nn. spp. **Hay**, O. P. l.c.

Chrysemys inornata n. sp. **Loomis**, F. B. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (427-432, with text fig.).

Crocodilus prenasalis n. sp. **Loomis**, F. B. l.c.

Dyrosaurus phosphaticus Thomas. **Stefano (De)**, G. Roma, Boll. Soc. geol. ital., **22**, 1903, (51-80).

Emys curieri. **Stefano (De)**, G. Roma, Boll. Soc. zool. ital., **11**, 1902, (37-68).

Gastrophys phosphatica n. sp. **Stefano (De)**, G. Roma, Boll. Soc. geol. ital., **22**, 1903, (51-80).

Hadrianus majusculus n. sp. **Hay**, O. P. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (261-276, with text fig.).

Pliosaurus? phosphaticus n. sp. **Stefano (De)**, G. Roma, Boll. Soc. geol. ital., **22**, 1903, (51-80).

Testudo ammon. **Andrews**, C. W. Geol. Mag., London, (Ser. 2), [5], **1**, 1904, (527-530).

Thalassochelys phosphatica. **Stefano (De)**, G. Roma, Boll. Soc. geol. ital., **22**, 1903, (51-80).

5631.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Chrysemys. **Stefano (De)**, G. Boll. Naturalista, Siena, **23**, 1903, (57-59).

Clemmys guntiana n. sp. **Roger**, O. Augsburg, Ber. natw. Ver., **35**, 1902, (44, pls. ii, iii, figs. 1-3, 5-9).

Nicoria. **Stefano (De)**, G. Riv. ital. sc. nat., Siena, **23**, 1903, (66-68).

Ophisaurus ulmensis n. sp. **Gerhardt**, K. Stuttgart, Jahreshefte Ver. Natk., **59**, 1903, (67-71).

Platyemys lachati Sauvage. **Stefano (De)**, G. Boll. Naturalista, Siena, **23**, 1903, (57-59).

Ptychogaster miocenici. **Stefano (De)**, G. Paleontogr. Italica, Pisa, **9**, 1903, (61-94 con. tav.).

Ptychogaster reinachi n. sp. **Roger**, O. Augsburg, Ber. natw. Ver., **35**, 1902, (42, pl. 1, fig. 9).

Rana danubina H. v. Meyer var. *rara*. **Fraas**, E. Stuttgart, Jahreshefte Ver. Natk., **59**, 1903, (105-110).

Testudo syrmensis n. sp. **Koch**, A. Budapest, Ann. Hist.-Nat. Mus. Nat. Hung., **2**, 1904, (1-72).

5831 AVES.

5831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Eremopezus n. gen. *E. cocaenus* n. sp. **Andrews**, C. W. London, Proc. Zool. Soc., **1904**, I, (183).

Mullerornis betsilei. **Andrews**, C. W. l.c. (163-171).

5831.95 PLEISTOCENE AND RECENT.

Aepyornis. **Granddier**, G. Paris, C.-R. Acad. sci., **137**, 1903, (208-211).

Lidus ineptus. **Newton** A. Nature, London, **70**, 1904, (626).

Eremopezus n. gen., *E. cocaenus* n. sp. Andrews, C. W. London, Proc. Zool. Soc. 1904, 1, (163).

Mullerornis betsilei. Andrews, C. W. l.c. (163-171).

6031 MAMMALIA.

6031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Camelus. Lydekker, R. Knowledge, London, 1904, (25-28).

Elephas. Andrews, C. W. Ealing, Rep. Nat. Sci. Soc., 1903-4, (1904), (3-5).

——— Salensky, W. Biol. Centralbl., Leipzig, 23, 1903, (793-803).

——— Woodward, A. S. Knowledge, London, 1904, (11-14).

Equus. Cockerell, T. D. A. Nature, London, 70, 1904, (53-54).

——— Ewart, J. Cossar. Nature, London, 69, 1904, (590-596).

——— Lydekker, R. Knowledge, London, 1904, (16-19, with figs.).

Homo sapiens. Schwalbe, G. Die Vorgeschichte des Menschen. Braunschweig (F. Vieweg & S.), 1904, (52, mit 1 Taf.).

Mesopiodon hectori. Anderson, R. J. Irish Nat., Dublin, 1904, (126, 127, figs.).

6031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Anthracotherium magnum. Major, C. I. F. London, Proc. Zool. Soc., 1904, 1, (456-458).

Archaeopteropus transiens n. sp. Meschinelli, L. Venezia, Atti Ist. ven., (Ser. 8), 5, 1903, (1329, pl. IX).

Geniohyus n. gen. et nn. spp. Andrews, C. W. Geol. Mag., London, (ser. 2), [5], 1, 1904, (160).

Hemiacodon pygmaeus n. sp. Wortman, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 17, 1904, (133-140, with text fig.).

Hypopodius nn. spp. Osborn, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (185, 187, 188).

Megalohyrax minor n. sp. Andrews, C. W. Geol. Mag., London, (ser. 2) [5], 1, 1904, (213).

Metacheiromys n. gen. *M. marshi* n. sp. Wortman, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 16, 1903, (347).

Microsypops schlosseri n. sp. Wortman, J. L. l.c. (345-368, with 2 pls.).

Moeritherium trigodon n. sp. Andrews, C. W. Geol. Mag., London, (Ser. 2), [5], 1, 1904, (112).

Notharctus tentaculus n. sp. Osborn, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (195).

Olbodotes n. gen. *O. copei* n. sp. Osborn, H. F. l.c. (205).

Omomys ameghini n. sp. Wortman, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 17, 1904, (133-140, with text fig.).

Palaeomastodon minor n. sp. Andrews, C. W. Geol. Mag., London, (Ser. 2), [5], 1, 1904, (115).

Proglires n. subord. Osborn, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (203).

Protocetus n. gen. *P. atarus* n. sp. Fraas, E. Geol. u. paläont. Abh., Jena, 10, (N.F. 6), 1904, (199-220).

Pterodon macrognathus n. sp. Andrews, C. W. Geol. Mag., London, (Ser. 2) [5], 1, 1904, (211).

Ronzotherium reichenau n. sp. Deninger, K. Berlin, Zs. D. geol. Ges., 55, 1903, Aufsätze, (93-97).

Saghattherium magnum n. sp. Andrews, C. W. Geol. Mag., London, (Ser. 2) [5], 1, 1904, (214).

Smilodectes n. gen. (Type *Hypopodius gracilis* Marsh). Wortman, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 16, 1903, (345-368, with 2 pls.).

Zeuglodon isis n. sp. Andrews, C. W. (ex Beudnell MS.) Geol. Mag., London, (ser. 2) [5], 1, 1904, (214).

**6031.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).**

Cyrtodelphis sulcatus. **Piaz (Dal)**, G. Paleontogr. Italica, Pisa, **9**, 1903, (187).

Delphinus sp. **Koch**, A. Földt. Közl., Budapest, **34**, 1904, (198, 269).

Elephas. Michigan, Rep. Geol. Surv., Lansing, **1901**, 1902, (252-253).

Elephas primigenius. **Flores**, E. Roma, Boll. Soc. geol. ital., **22**, 1903, (318-360).

Eotherium. **Abel**, O. Wien, Abh. Geol. RchsAnst., **19**, Heft 2, 1904, (VI + 223, mit 7 Taf.).

Eurhinodelphis. **Abel**, O. Mém. Mus. Belgique, Bruxelles, **2**, 1902, (101).

Felsinotherium. **Abel**, O. Wien, Abh. Geol. RchsAnst., **19**, Heft 2, 1904, (VI + 223, mit 7 Taf.).

Gazella brevicornis Roth und Wagner. **Simionescu**, J. Wien, Verh. Geol. RchsAnst., **1904**, (70-73).

Halicore. **Abel**, O. Wien, Abh. Geol. RchsAnst., **19**, Heft 2, 1904, (VI + 223, mit 7 Taf.).

Halitherium. **Abel**, O. l.c.

Halitherium sp. (aff. *Schinzii*, Kaup.) **Koch**, A. Földt. Közl., Budapest, **34**, 1904, (198-199, 269-270, Taf. 1.).

Homo. **Schmidt**, E. Globus, Braunschweig, **34**, 1903, (288-289).

Manatus. **Abel**, O. Wien, Abh. Geol. RchsAnst., **19**, Heft 2, 1904, (VI + 223, mit 7 Taf.).

———— **Schafarik**, F. Földt. Közl., Budapest, **34**, 1904, (64, 183-184).

———— **Simionescu**, J. Wien, Verh. Geol. RchsAnst., **1904**, (70-73).

Mastodon arvernensis. **Blanckenhorn**, Max. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (364-371).

Mesocetus ? hungaricus Kadić. **Roth**, L. et alii. Földt. Közl., Budapest, **34**, 1904, (216-232, 278-295).

Metaxytherium. **Abel**, O. Wien, Abh. Geol. RchsAnst., **19**, Heft 2, 1904, (VI + 223, mit 7 Taf.).

Palaeomeryx sp. (aff. *Dremotherium* Feignoux, Geoffr.). **Koch**, A. Földt. Közl., Budapest, **34**, 1904, (201, 272, Taf. I.).

Priscodelphinus ? crassangulum n. sp. **Case**, E. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (3-58, with pl.).

Protohippus. **Pavlov**, M. Moskva, Bull. Soc. Nat., **1903**, (173-182).

Rhinoceros. **Bortolotti**, C. Riv. ital. paleont., Bologna, **9**, 1903, (50-55, con tav.).

Rhinoceros sp. (*Aceratherium* ?) **Koch**, A. Földt. Közl., Budapest, **34**, 1904, (201, 272).

Rhytina. **Abel**, O. Wien, Abh. Geol. RchsAnst., **19**, Heft 2, 1904, (VI + 223, mit 7 Taf.).

Squalodon. **Capellini**, G. Bologna, Mem. Acc. sc., (Ser. 5), **10**, 1903, (437-445, estr. 1-12, con tav.).

———— cf. *ehrlichi* van Ben. **Koch**, A. Földt. Közl., Budapest, **34**, 1904, (199-200, 270-272, Taf. I.).

**6031.95 PLEISTOCENE. AND
RECENT.**

Aceratherium. **Woldrich**, J. N. Prag, Věstn. Česke Ak. Frant. Jos., **10**, 1901, (189-192).

Bos namadicus Falconer. **Pilgrim**, G. E. Rec. Geol. Surv. Ind., Calcutta, **31**, 3, 1904, (176-177).

Cervus. **Scharff**, R. F. Irish Nat., Dublin, **1904**, (98, 99).

Elephas. Michigan, Rep. Geol. Surv., Lansing, **1901**, 1902, (252-253).

———— *antiquus*. **Dawkins**, W. B. Manchester, Mem. Lit. Phil. Soc., **48**, pt. 3, No. xviii, 1904, (1-4); Manchester, Owens Coll. Handb., Publ., No. **51** (Manchester, Notes Mus. No. **17**), 1904, (1-4).

———— *cypriotes*. **Bate**, D. M. A. London, Phil. Trans. R. Soc., **B 197**, 1904, (347-360).

———— *meridionalis*. **Fisher**, O. Geol. Mag., London, (Ser. 2) [5], **1**, 1904, (621).

———— *primigenius*. **Stingelin**, T. Basel, Abh. Schweiz. Pal. Ges., No. **5**, **29**, 1902, (9, mit 2 Taf. u. 1 Fig.).

Elephas primigenius. **Stingelin**, T. Ueber ein im Museum zu Olten aufgestelltes Kranium von *Elephas primigenius* Blumenbach. Zürich (Zürcher und Turrer), 1902, (II + 10).

——— **Strübin**, K. Liestal, Tätigkeitsb. Natf. Ges., 1902–03, 1904, (88).

——— **Troll**, O. R. von. Wien, Verh. Geol. RchsAnst., 1904, (234).

Felis. **Sheppard**, T. Naturalist, London, 1904, (102–104, with fig.).

Foetorius etersmanni Less. **Nehring**, A. Centralbl. Min., Stuttgart, 1904, (13–14).

Halicore. **Lorenz**, L. R. Wien, Abh. Geol. RchsAnst., 19, Heft 3, 1904, (I + 11, mit 2 Taf.).

Homo. **Koenen**, C. Bonn, SitzBer. Ges. Natk., 1903, 1904, naturw. Sektion, (63–73).

——— **Koenen**, C. Bonn, SitzBer. Ges. Natk., 1903, naturw. Sektion, (19–38).

——— **Rauff**, H. Bonn, SitzBer. Ges. Natk., 1903, 1904, naturw. Sektion, (87–101).

——— **Rauff**, H. Bonn, SitzBer. Ges. Natk., 1903, naturw. Sektion, (38–48).

——— *sapiens*. **Davies**, H. N. London, Q. J. Geol. Soc., 60, 1904, (335–348).

——— **Kadić**, O. Pótf. Termt. Közl., Budapest, 36, 1904, (30–37, mit 7 Fig.).

Krepina. **Terra**, Max de. Schweiz. Vierteljahrschr. Zahnheilk., Zürich,

13, 1903, Deutscher Teil, (11–31, 72–94).

Lepus europaeus. **Major**, C. I. F. Geol. Mag., London, (ser. 2), [5], 1, 1904, (143).

Lutreola macrodon n. sp. **Prentiss**, D. W. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 28, 1903, (887–888, with text fig.). Separate. 24.5 cm.

Manatus. **Lorenz**, L. R. Wien, Abh. Geol. RchsAnst., 19, Heft 3, 1904, (I + 11, mit 2 Taf.).

Mastodon. **Walther**, J. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (212–221).

Megaceros. **Scharff**, R. F. Irish Nat., Dublin, 1904, (98, 99).

Rhinoceros. **Schroeder**, H. Berlin, Abh. geol. Landesanst., (N.F.), 18, 1903, (143).

Rhinoceros arrhorhinus. **Ramsenberger**, J. Hanau, Ber. Ges. Natk., 1899–1903, 1903, (48–52).

Rhytina. **Lorenz**, L. R. Wien, Abh. Geol. RchsAnst., 19, Heft 3, 1904, (I + 11, mit 2 Taf.).

Trichechus. **Sheppard**, T. Hull Mus. Publ., 22, 1904, (24).

Ursus. **Scharff**, R. F. Irish Nat., Dublin, 1904, (30).

——— **Sheppard**, T. Hull Mus. Publ., 20, 1904, (24, 25, with fig.).

——— **Sheppard**, T. Naturalist, London, 1904, (142, 143, with fig.).

Ursus spelaeus. **Flores**, E. Riv. ital. paleont., Bologna, 9, 1903, (10–11).

LIST OF NEW GENERA AND SPECIES.

0431 PROTOZOA.

BIGENERINA [Foraminifera].

———— *leonhardi*. Volz, W. 2711.

———— *milchi*. Volz, W. 2711.

———— *sumatrana*. Volz, W. 2711.

———— *wysogorskyi*. Volz, W. 2711.

BILOCULINA [Foraminifera].

———— *paradoxa*. Wójcik, K. 2740.

BCLIMINA [Foraminifera].

———— *gregorii*. Chapman, F. 2172.

———— *trigona* var. *inornata* n. var. Chapman, F. 2171.

———— *trigonula* n. nom. Chapman, F. 2171.

CANNARTISCUS [Radiolaria].

———— *marylandicus*. Martin, G. C. 2444.

CRISTELLARIA [Foraminifera].

———— *costata* var. *compressa* n. var. Chapman, F. 2172.

———— *costata* var. *seminuda* n. var. Chapman, F. 2172.

———— *daintreei*. Chapman, F. 2172.

———— *granulatæformis*. Wójcik, K. 2740.

———— *kubinyiformis*. Wójcik, K. 2740.

EUCYRTIDIUM [Radiolaria].

———— *calvertense*. Martin, G. C. 2444.

HAPLOPHRAGMIUM [Foraminifera].

———— *meridionale*. Chapman, F. 2171.

LITHOCAMPE [Radiolaria].

———— *marylandica*. Martin, G. C. 2444.

MILIOLINA [Foraminifera].

———— *magna*. Wójcik, K. 2740.

(K-14700)

PHACODISCUS. [Radiolaria].

———— *calvertanus*. Martin, G. C. 2444.

POLYMORPHINA [Foraminifera].

———— *compressa* var. *striata* n. var. Bagg, R. M., jun. 2091.

PULVINULINA [Foraminifera].

———— *pondensis*. Chapman, F. 2171.

RHOPALODICTYUM [Radiolaria].

———— *calvertense*. Martin, G. C. 2444.

———— *marylandicum*. Martin, G. C. 2444.

SAGRINA [Foraminifera].

———— *spinosa*. Bagg, R. M., jun. 2091.

SPONGASTERISCUS [Radiolaria].

———— *marylandicus*. Martin, G. C. 2444.

Sumatrina n. gen. [Foraminifera]. Volz, W. 2711.

———— *annae*. Volz, W. 2711.

TEXTULARIA [Foraminifera].

———— *crater*. Chapman, F. 2172.

Triticites n. gen. [Foraminifera]. Girty, G. H. 2294.

VAGINULINA [Foraminifera].

———— *schloenbachi* var. *interrupta* n. var. Chapman, F. 2172.

0631 PORIFERA.

POROSPHAERA [Calcispongiae].

———— *patelliformis*. Hinde, G. J. 2329.

———— *arrecta*. Hinde, G. J. 2329.

0881 COELENTERATA.

ALDRICHIELLA n. nom. [Zoantharia].
Vaughan, T. W. 2708.

ALVEOPORA [Hexacoralla].
cretacea. Felix, J. 2254.

ASTRANGIA [Hexacoralla].
conradi. Vaughan, T. W.
2709.

ASTROCOENIA [Hexacoralla].
pygmaea. Felix, J. 2254.

BRYOGRAPTUS [Graptolitoidea].
lapworthi. Ruedemann, R.
2567.
pusillus. Ruedemann, R.
2567.

CLIMACOGRAPTUS [Graptolitoidea].
pungens. Ruedemann, R.
2567.

CLIMOPHYLLUM [Tetracoralla].
thildae. Angelis (De) d'Ossat.
G. 2081.

CRYPTOZOON [Stromatoceridae].
? perkinsi. Sealy, H. M.
2807.

OTIOLITES [Hexacoralla].
choffati. Felix, J. 2254.

OTIOLORIS [Hexacoralla].
paronis. Bellini, R. 2104.

OSTIOPHYLLUM [Tetracoralla].
clavatum. Greene, G. K.
2304.
conspicuum. Greene, G. K.
2304.
crenatum. Greene, G. K.
2304.
fulcratum. Greene, G. K.
2304.
gemmiferum. Greene, G. K.
2304.

DENDROGRAPTUS [Graptolitoidea].
fluitans. Ruedemann, R.
2567.
succulentus. Ruedemann, R.
2567.

DEMOGRAPTUS [Graptolitoidea].
intricatus. Ruedemann, R.
2567.

DICELLOGRAPTUS [Graptolitoidea].
angulatus. Elles, G. L. and
Wood, E. M. R. 2248.

DICRANOGRAPTUS [Graptolitoidea].
brevicaulis. Elles, G. L.
and Wood, E. M. R.
2248.
calicus. Elles, G. L. and
Wood, E. M. R. 2248.
cynthiformis. Elles, G. L.
and Wood, E. M. R.
2248.

DIOTYOMEMA
faveiformis. Ruedemann, R.
2567.
rectilineatum. Ruedemann,
R. 2567.

DIDYMOGRAPTUS [Graptolitoidea].
cuspidatus. Ruedemann, R.
2567.
elless. Ruedemann, R. 2567.
faveiformis. Ruedemann,
R. 2567.
incertus. Ruedemann, R.
2567.
spinorus. Ruedemann, R.
2567.
torquatus. Ruedemann, R.
2567.

DIPHYPHYLLUM [Tetracoralla].
dilatum. Greene, G. K.
2304.

DIPLOCTENIUM [Hexacoralla].
affine. Felix, J. 2254.

DIPLOGRAPTUS [Graptolitoidea].
laxus. Ruedemann, R.
2567.
longicaudatus. Ruedemann,
R. 2567.

FAVOSITES [Tabulata].
louisvillensis. Greene, G. K.
2304.

GLOSSOGRAPTUS [Graptolitoidea].
echinatus. Ruedemann, R.
2567.
hystrix. Ruedemann, R.
2567.

GONIOGRAPTUS [Graptolitoidea].
geometricus. Ruedemann,
R. 2567.
perflexilis. Ruedemann, R.
2567.

HELIOPHYLLUM [Tetracoralla].
conditum. Greene, G. K.
2304.
gradatum. Greene, G. K.
2304.
inflexum. Greene, G. K.
2304.

HELIOPHYLLUM [Tetracoralla].

——— *obliquum*. Greene, G. K. 2304.

——— *parvulum*. Greene, G. K. 2304.

HYDRACTINIA [Hydromedusae].

——— *multispinosa*. Ulrich, E. O. 2702.

Lithodrumus n. gen. [Tabulata].
Greene, G. K. 2304.

——— *veryi*. Greene, G. K. 2304.

LONSDALEIA [Tetracoralla].

——— *fennemai*. Volz, W. 2711.

——— *frechi*. Volz, W. 2711.

LOPHOPHYLLUM [Tetracoralla].

——— *vermiforme*. Tornquist, A. 2688.

Milleaster n. gen. [Hydromedusae].
Ulrich, E. O. 2702.

——— *incrustans*. Ulrich, E. O. 2702.

——— ? *subramosus*. Ulrich, E. O. 2702.

Myriopora n. gen. [Hydrocorallinae].
Volz, W. 2711.

——— *terbeeki*. Volz, W. 2711.

PHYLLOCOENIA [Hexacoralla].

——— *transiens*. Felix, J. 2254.

Protopora n. gen. [Tabulata].
Greene, G. K. 2304.

Protrochiscolithus n. gen. [Octocoralla].
Kiaer, J. 2367.

PTILOGRAPTUS [Graptolitoidea].

——— *tenuissimus*. Ruedemann, R. 2567.

Sigmagraptus n. gen. [Graptolitoidea].
Ruedemann, R. 2567.

——— *praecursor*. Ruedemann, R. 2567.

STAUROGRAPTUS [Graptolitoidea].

——— *dichotomus* var. *apertus* n.
var. Ruedemann, R. 2567.

STROMATOCERIUM [Stromatoceridae].

——— *eatoni*. Seely, H. M. 2607.

——— *lamottense*. Seely, H. M. 2607.

——— ———— var. *chuzianum*
n. var. Seely, H. M. 2607.

——— *moniliferum*. Seely, H. M. 2607.

Strophograptus n. gen. [Graptolitoidea].
Ruedemann, R. 2567.

——— *trichomanes*. Ruedemann, R. 2567.

TEMNOGRAPTUS [Graptolitoidea].

——— *noreboracensis*. Ruedemann, R. 2567.

TETRAGRAPTUS [Graptolitoidea].

——— *clarkei*. Ruedemann, R. 2567.

——— *lentus*. Ruedemann, R. 2567.

——— *pygmaeus*. Ruedemann, R. 2567.

——— *woodi*. Ruedemann, R. 2567.

Tristylotus n. gen. [Hydromedusae].
Parks, W. A. 2504.

——— *hexagonus*. Parks, W. A. 2504.

——— *rhomboideus*. Parks, W. A. 2504.

ZAPHRENTIS [Tetracoralla].

——— *albacornis*. Greene, G. K. 2304.

——— *alteolatus*. Greene, G. K. 2304.

——— *caliculus*. Greene, G. K. 2304.

——— *callosus*. Greene, G. K. 2304.

——— *clinatus*. Greene, G. K. 2304.

——— *intortus*. Greene, G. K. 2304.

——— *invaginalus*. Greene, G. K. 2304.

——— *prolixus*. Greene, G. K. 2304.

——— *strigatus*. Greene, G. K. 2304.

——— *subcentralis*. Greene, G. K. 2304.

1031 ECHINODERMATA.

ACTINOCRINUS [Crinoidea].

——— *multiramosus* var. *altdorsatus* n. var. Greene, G. K. 2304.

BATOCRINUS [Crinoidea].

——— *davisi* var. *lancsvillensis* n. var. Greene, G. K. 2304.

——— *davisi* var. *sculptus* n. var. Greene, G. K. 2304.

——— *magnirostris*. Greene, G. K. 2304.

BOTRYOCRINUS [Crinoidea].

——— *americanus*. Greene, G. K. 2304.

- CERIOCRINUS** [Crinoidea].
 ——— ? *priscus*. Greene, G. K. 2304.
- Chuniola** n. gen. [Echinoidea].
 ——— *Gagel*, C. 2285.
 ——— *carolinae*. Gagel, C. 2285.
- CODIOPSIS** [Echinoidea].
 ——— *valatairei*. Lambert, J. 2393.
- DOLATOCRINUS** [Crinoidea].
 ——— *asterias*. Wood, E. 2748.
 ——— *costatus*. Wood, E. 2748.
 ——— *wachsmuthi* n. nom. Wood, E. 2748.
- EPIASTER** [Echinoidea].
 ——— *nutrix*. Lambert, J. 2392.
- GEMMAEOCRINUS** [Crinoidea].
 ——— *simulans*. Greene, G. K. 2304.
- HEMIASTER** [Echinoidea].
 ——— *sudanensis*. Bather, F. A. 2099.
 ——— *vancouverensis*. Whiteaves, J. F. 2729.
- HOLASTER** [Echinoidea].
 ——— *stümcki*. Wolleemann, A. 2745.
- HOMOEASTER** [Echinoidea].
 ——— *ardouini*. Lambert, J. 2392.
- MARETIA** [Echinoidea].
 ——— *zeisæi*. Gagel, C. 2285.
- MEGISTOCRINUS** [Crinoidea].
 ——— *regularis*. Wood, E. 2748.
 ——— *sphaerialis*. Wood, E. 2748.
 ——— *tuberatus*. Wood, E. 2748.
- PENTACRINUS** [Crinoidea].
 ——— *dentatogranulatus*. Wolle-
 mann, A. 2744.
 ——— *zeltbergensis*. Wolle-
 mann, A. 2745.
- PLESIOLAMPAS** [Echinoidea].
 ——— *saharae*. Bather, F. A. 2099.
- SALENIA** [Echinoidea].
 ——— *boulei*. Lambert, J. 2392.
- SPATANGUS** [Echinoidea].
 ——— ? *gottschei*. Gagel, C. 2285.
 ——— ? *meyni*. Gagel, C. 2285.
- TIARACRINUS** [Cystoidea].
 ——— *tetradra*. Jaekel, O. 2349.
- Tripleurocrinus** n. gen. [Crinoidea].
 ——— Wood, E. 2748.
 ——— *lctis*. Wood, E. 2748.
- Tylocrinus** n. gen. [Crinoidea]. Wood,
 E. 2748.
 ——— *norus*. Wood, E. 2748.

1831 VERMES.

- SPIRORBIS** [Polychaeta].
 ——— *calvertensis*. Martin, G. C. 2443.
- Terebellina** n. gen. [Polychaeta].
 ——— Ulrich, E. O. 2701.
 ——— *palachei*. Ulrich, E. O. 2701.

2031 BRACHIOPODA AND BRYOZOA.

- AMPHIBLESTRUM** [Bryozoa].
 ——— *agellus*. Ulrich, E. O. &
 Bassler, R. S. 2704.
 ——— *constrictum*. Ulrich, E. O.
 & Bassler, R. S. 2704.
- AMPHICLINODONTA** [Brachiopoda].
 ——— *bittneri*. Waagen, L. 2713.
- AMPLEXOPORA** [Bryozoa].
 ——— *multispinosa*. Cumings, R. R. 2206.
- ANOLOTHECA** [Brachiopoda].
 ——— *congregata*. Kindle, E. M.
 and Breger, C. L. 2370.
- AROYROTICA** [Brachiopoda].
 ——— *schucherti*. Dall, W. H. 2209.
- ATHYRIS** [Brachiopoda].
 ——— *acuminata*. Drevermann, F. 2231.
 ——— *aliena*. Drevermann, F. 2235.
 ——— *cuboides*. Drevermann, F. 2231.
- BERENICEA** [Bryozoa].
 ——— *dobrudschensis*. Toula, F. 2690.
- CAMAROTOECHIA** [Brachiopoda].
 ——— *hudsonica*. Grabau, A. W. 2300.
- CELLEPORA** [Bryozoa].
 ——— *cribrosa*. Ulrich, E. O. &
 Bassler, R. S. 2704.
 ——— *massalis*. Ulrich, E. O. &
 Bassler, R. S. 2704.
- CHONETES** [Brachiopoda].
 ——— *robustus*. Raymond, P. E. 2543.
- CHONOSTROPHIA** [Brachiopoda].
 ——— *jerrensis*. Schuchert, C. 2588.
 ——— *montrealensis*. Schuchert, C. 2588.

CONCHIDIUM [Brachiopoda].

———— *trilobatum*. Kindle, E. M.
& Breger, C. L. 2370.

CRISINA [Bryozoa].

———— *striatopora*. Ulrich, E. O.
& Bassler, R. S. 2704.

DEKAYELLA [Bryozoa].

———— *cystata*. Cumings, E. R.
2206.

DEKAYIA [Bryozoa].

———— *magna*. Cumings, E. R.
2206.

DISCINA [Brachiopoda].

———— *bosniaca*. Kittl, E. 2371.

EATONIA [Brachiopoda].

———— *goodlandensis*. Kindle,
E. M. & Breger, C. L. 2370.

ERIDOTRYPA [Bryozoa].

———— *terayensis*. Cumings, E. R.
2206.

HOMOTRYPA [Bryozoa].

———— *austini*. Bassler, R. S. 2097.

———— *curvata* var. *praecipita* n. var.
Bassler, R. S. 2097.

———— *cincinnatiensis*. Bassler,
R. S. 2097.

———— *communis*. Bassler, R. S.
2097.

———— *cylindrica*. Bassler, R. S.
2097.

———— *dumosa*. Bassler, R. S.
2097.

———— *flabellaris* var. *spiniifera* n.
var. Bassler, R. S. 2097.

———— *frondosa*. Bassler, R. S.
2097.

———— *grandis*. Bassler, R. S.
2097.

———— *libana*. Bassler, R. S. 2097.

———— *nicklesi*. Bassler, R. S.
2097.

———— *nitida*. Bassler, R. S. 2097.

———— *pulchra*. Bassler, R. S. 2097.

———— *ramulosa*. Bassler, R. S.
2097.

———— *richmondensis*. Bassler,
R. S. 2097.

———— *splendens*. Bassler, R. S.
2097.

———— *wortheni* var. *intercellata* n.
var. Bassler, R. S. 2097.

———— *wortheni* var. *prominens* n.
var. Bassler, R. S. 2097.

IDMONEA [Bryozoa].

———— ? *expansa*. Ulrich, E. O. &
Bassler, R. S. 2704.

LEPRALIA [Bryozoa].

———— *maculata*. Ulrich, E. O. &
Bassler, R. S. 2704.

———— *marylandica*. Ulrich, E. O.
& Bassler, R. S. 2704.

———— *montifera*. Ulrich, E. O. &
Bassler, R. S. 2704.

———— ? *reversa*. Ulrich, E. O. &
Bassler, R. S. 2704.

MEMBRANIPORA [Bryozoa].

———— *bifoliata*. Ulrich, E. O. &
Bassler, R. S. 2704.

———— *caminoza*. Ulrich, E. O. &
Bassler, R. S. 2704.

———— *fistula*. Ulrich, E. O. &
Bassler, R. S. 2704.

———— *fossulifera*. Ulrich, E. O. &
Bassler, R. S. 2704.

———— *gentili*. Canu, T. 2160.

———— *germana*. Ulrich, E. O. &
Bassler, R. S. 2704.

———— *nitidula*. Ulrich, E. O. &
Bassler, R. S. 2704.

———— *oblongula*. Ulrich, E. O. &
Bassler, R. S. 2704.

———— *parvula*. Ulrich, E. O. &
Bassler, R. S. 2704.

———— *pervinquieri*. Canu, T. 2160.

———— *suboralis*. Canu, T. 2160.

MICROPORELLA [Bryozoa].

———— *bifoliata*. Ulrich, E. O. &
Bassler, R. S. 2704.

———— *inflata*. Ulrich, E. O. &
Bassler, R. S. 2704.

———— *praeciliata*. Ulrich, E. O. &
Bassler, R. S. 2704.

ORTHOIETES [Brachiopoda].

———— *ingens* n. nom. Drevermann,
F. 2235.

ORTHOTOMA [Brachiopoda].

———— *toarciensis* n. nom. Buck-
man, S. S. 2149.

PALMICELLARIA [Bryozoa].

———— *convoluta*. Ulrich, E. O. &
Bassler, R. S. 2704.

———— *punctata*. Ulrich, E. O. &
Bassler, R. S. 2704.

PENTAMERUS [Brachiopoda].

———— *oblongus* var. *compressa* n.
var. Kindle, E. M. &
Breger, C. L. 2370.

PHOLIDOSTROPHIA [Brachiopoda].

———— *niagarensis*. Kindle, E. M.
& Breger, C. L. 2370.

PRODUCTUS [Brachiopoda].

———— ? *turcicus*. Kittl, E. 2371.

PSEUDOGLOSSOTHYRIS [Brachiopoda].

———— *banburiensis* n. nom. Buckman, S. S. 2149.

RENSSELAERIA [Brachiopoda].

———— *carinatella*. Fuchs, A. 2281.

———— *confluentina*. Fuchs, A. 2281.

———— *posthuma*. Fuchs, A. 2281.

———— *robustella*. Fuchs, A. 2281.

RETEPORA [Bryozoa].

———— *doverensis*. Ulrich, E. O. & Bassler, R. S. 2704.

RETICULARIA [Brachiopoda].

———— *proxima*. Kindle, E. W. & Breger, C. L. 2370.

RHYNCHONELLA [Brachiopoda].

———— *coronula*. Drevermann, F. 2231.

———— *glossoides*. Kittl, E. 2371.

———— *holmesii*. Dall, W. H. 2209.

———— *miatschkowciensis*. Ilovalsky, D. 2347.

———— *salpinx*. Dall, W. H. 2209.

———— *signifrons*. Kittl, E. 2371.

RHYNCHOSPIRA [Brachiopoda].

———— *excavata*. Grabau, A. W. 2300.

SCHIZOPORELLA [Bryozoa].

———— *cumulata*. Ulrich, E. O. & Bassler, R. S. 2704.

———— *dorerensis*. Ulrich, E. O. & Bassler, R. S. 2704.

———— *latisinuata*. Ulrich, E. O. & Bassler, R. S. 2704.

———— *subquadrata*. Ulrich, E. O. & Bassler, R. S. 2704.

SCHUCHERTELLA n. nom. [Brachiopoda].

———— *Girty*, G. H. 2295.

SELENARIA [Bryozoa].

———— *magnipunctata* n. nom. Maplestone, C. M. 2438.

———— *otwayensis*. Maplestone, C. M. 2438.

SPIRIGERA [Brachiopoda].

———— *borovacensis*. Kittl, E. 2371.

STROPHEODONTA [Brachiopoda].

———— *herculea* n. nom. Drevermann, E. 2235.

STROPHONELLA [Brachiopoda].

———— *williamsi*. Kindle, E. M. & Breger, C. L. 2370.

THEONOA [Bryozoa].

———— *glomerata*. Ulrich, E. O. & Bassler, R. S. 2704.

TRIGERIA [Brachiopoda].

———— *oehlerti*. Drevermann, F. 2235.

2231 MOLLUSCA.**ABRA** [Pelecypoda].

———— *marylandica*. Glenn, L. O. 2296.

ACANTHOCERAS [Cephalopoda].

———— *escheri*. Solger, F. 2643.

———— *hoplitoides*. Lesswitz, R. 2402.

———— *jaskeli*. Solger, F. 2643.

Acompsoceras n. gen. [Cephalopoda].

———— Hyatt, A. 2346.

Aconeceras n. gen. [Cephalopoda].

———— Hyatt, A. 2346.

ACTAEON [Gastropoda].

———— *calvertensis*. Martin, G. C. 2441.

———— *camerunensis*. Oppenheim, P. 2491.

ACTAEONINA [Gastropoda].

———— *atherstonei* var. *umkwaensis* n. var. Etheridge, R., jun. 2251.

———— *ovata*. Picard, E. 2520.

ADEORBIS [Gastropoda].

———— *liscaviensis*. Picard, E. 2520.

ALARIA [Gastropoda].

———— *baillyi*. Etheridge, R., jun. 2251.

AMALTHEA [Gastropoda].

———— *marylandica*. Martin, G. C. 2441.

AMMONITES [Cephalopoda].

———— *langenhani*. Sturm, F. 2677.

Amonotis n. gen. [Pelecypoda].

———— Kittl, E. 2371.

———— *cancellaria*. Kittl, E. 2371.

Amphoreopsis n. gen. [Cephalopoda].

———— Crick, G. C. 2205.

———— *paucicamerata*. Crick, G. C. 2205.

ANODONTOPSIS [Pelecypoda].

———— *wabashensis*. Kindle, E. M. and Breger, C. L. 2370.

ANOMALOCARDIA [Pelecypoda].

- *bourdeniana*. Dall, W. H. 2209.
 ——— *chipolana*. Dall, W. H. 2209.
 ——— *dupliniana*. Dall, W. H. 2209.

APIOTOMA [Gastropoda].

- *bassi*. Pritchard, G. B. 2536.

APORRHAIS [Gastropoda].

- *bicarinatoides*. Wolleman, A. 2744.
 ——— *hirundo*. Sturm, F. 2677.

ARCA [Pelecypoda].

- *algermissensis*. Wolleman, A. 2744.
 ——— *elنيا*. Glenn, L. C. 2296.
 ——— *justinae* n. sp. Wolleman, A. 2743.
 ——— *mimula*. Oppenheim, P. 2491.
 ——— *paralactea*. Oppenheim, P. 2491.
 ——— *tirolensis*. Broili, F. 2131.

ARCOPTERA [Pelecypoda].

- *ampla*. Broili, F. 2131.
 ——— *areata*. Broili, F. 2131.
 ——— *canaliculata*. Kittl, E. 2371.
 ——— *lateareata*. Broili, F. 2131.
 ——— *vixareata*. Broili, F. 2131.

ASTARTE [Pelecypoda].

- *amphitrite*. Scalia, S. 2575.
 ——— *alaskensis*. Dall, W. H. 2211.
 ——— *americana*. Dall, W. H. 2209.
 ——— *bennettii*. Dall, W. H. 2211.
 ——— *calvertensis*. Glenn, L. C. 2296.
 ——— *castrana*. Glenn, L. C. 2296.
 ——— *excavatoides*. Ilovaïsky, D. 2347.
 ——— *glenni*. Dall, W. H. 2209.
 ——— *laevicingulata*. Scalia, S. 2575.
 ——— *levilimbata*. Ilovaïsky, D. 2347.
 ——— *liogona*. Dall, W. H. 2211.
 ——— *nieschavensis*. Skrinnikov, A. 2636.
 ——— *opulentora*. Dall, W. H. 2209.

ASTARTE [Pelecypoda].

- *parma*. Dall, W. H. 2209.
 ——— *polaris*. Dall, W. H. 2211.
 ——— *soror*. Dall, W. H. 2211.
 ——— *thisphila*. Glenn, L. C. 2296.
 ——— *vernica*. Dall, W. H. 2211.
 ——— *vagneri*. Dall, W. H. 2209.

ASTELE [Gastropoda].

- *millegranosa*. Pritchard, G. B. 2536.

ATRINA [Pelecypoda].

- *piscatoria*. Glenn, L. C. 2296.

AVICULA [Pelecypoda].

- *alternicosta*. Scalia, S. 2575.
 ——— *cristallina*. Scalia, S. 2575.
 ——— ? *efflata*. Broili, F. 2131.
 ——— *grabovicensis*. Kittl, E. 2371.
 ——— *huberti*. Hoyer. 2340.
 ——— *kieslingswaldensis*. Sturm, F. 2677.
 ——— *loomisi*. Broili, F. 2131.
 ——— *miljacensis*. Kittl, E. 2371.
 ——— *piettei*. Scalia, S. 2575.
 ——— *prosslinensis*. Broili, F. 2131.
 ——— *salomoni*. Broili, F. 2131.
 ——— *seisiana*. Broili, F. 2131.
 ——— *turgidula*. Scalia, S. 2575.
 ——— *wähneri*. Kittl, S. 2371.

BACULITES [Cephalopoda].

- *aspero-anceps*. Lasswitz, R. 2402.

BADIOTELLA [Pelecypoda].

- *concentrica*. Broili, F. 2131.
 ——— *gracilis*. Broili, F. 2131.
 ——— *subpunctata*. Broili, F. 2131.

BAKEWELLIA [Pelecypoda].

- *kingi* n. nom. Kittl, E. 2371.
 ——— *nikitowkensis*. Jakovlev, N. 2357.

BANKIVIA [Gastropoda].

- *howitti*. Pritchard, G. B. 2536.

BARROISICERAS [Cephalopoda].

- *brancoi*. Solger, F. 2643.
 ——— *haueri*. Hyatt, A. 2346.

BELEMNITES [Cephalopoda].

- *miatschkowiensis*. Ilovaïsky, D. 2347.

- BELLEROPHON** [Gastropoda].
 ——— *suhaensis*. Kittl, E. 2371.
- BORNIA** [Pelecypoda].
 ——— *depressa*. Glenn, L. C. 2296.
 ——— *marylandica*. Glenn, L. C. 2296.
- BRASILINA** [Cephalopoda].
 ——— *crinalis*. Buckman, S. S. 2150.
 ——— *tutcheri*. Buckman, S. S. 2150.
- Braunsella** n. gen. [Cephalopoda].
 ——— Buckman, S. S. 2150.
 ——— ? *rotabilis*. Buckman, S. S. 2150.
 ——— *semilenis*. Buckman, S. S. 2150.
- BRAUNSINA** [Cephalopoda].
 ——— *aspera*. Buckman, S. S. 2150.
 ——— *contorta*. Buckman, S. S. 2150.
 ——— *cornigera*. Buckman, S. S. 2150.
 ——— *elegantula*. Buckman, S. S. 2150.
 ——— *fastigata*. Buckman, S. S. 2150.
 ——— *projecta*. Buckman, S. S. 2150.
 ——— ? *subquadrata*. Buckman, S. S. 2150.
- Buccinum** [Gastropoda].
 ——— *blanckenhorni*. Oppenheim, P. 2491.
 ——— *choffati*. Oppenheim, P. 2491.
- BUCHIOLA** [Pelecypoda].
 ——— *semiimpressa*. Drevermann, F. 2231.
- CADOCERAS** [Cephalopoda].
 ——— *crassum*. Madsen, V. 2433.
- CAECUM** [Gastropoda].
 ——— *calvertense*. Martin, G. C. 2441.
 ——— *greensboroense*. Martin, G. C. 2441.
 ——— *patuxentium*. Martin, G. C. 2441.
- CALLIOSTOMA** [Gastropoda].
 ——— *calvertanum*. Martin, G. C. 2441.
 ——— *marylandicum*. Martin, G. C. 2441.
- CALLOCARDIA** [Pelecypoda].
 ——— *prunensis*. Glenn, L. C. 2296.
 ——— *gatunensis*. Dall, W. H. 2209.
 ——— *sincera*. Dall, W. H. 2209.
 ——— ? *kincaidii*. Dall, W. H. 2213.
- CALYPTRAEA** [Gastropoda].
 ——— *greensboroensis*. Martin, G. C. 2441.
 ——— *sigaretina*. Oppenheim, P. 2491.
- Canavarella** n. gen. [Cephalopoda].
 ——— Buckman, S. S. 2150.
 ——— ? *arenacea*. Buckman, S. S. 2150.
 ——— *belophora*. Buckman, S. S. 2150.
 ——— ? *sceleta*. Buckman, S. S. 2150.
 ——— ? *toma*. Buckman, S. S. 2150.
- CANAVARINA** [Cephalopoda].
 ——— *digna* n. nom. Buckman, S. S. 2150.
- CANCELLARIA** [Gastropoda].
 ——— *calvertensis*. Martin, G. C. 2441.
 ——— *marylandica*. Martin, G. C. 2441.
 ——— *neritoidea*. Martin, G. C. 2441.
 ——— *patuxentia*. Martin, G. C. 2441.
 ——— *prunicola*. Martin, G. C. 2441.
 ——— *reticulatoidea*. Martin, G. C. 2441.
- Cancellariella** n. subgen. [Gastropoda].
 ——— Martin, G. C. 2441.
- CANTHARIDUS** [Gastropoda].
 ——— *serratulus*. Pritchard, G. B. 2536.
- CARDIOCERAS** [Cephalopoda].
 ——— *ragum*. Ilovaisky, D. 2347.
 ——— *zenaidae*. Ilovaisky, D. 2347.
- CARDIOMORPHA** [Pelecypoda].
 ——— *campestris*. Reed, F. R. C. 2546.
 ——— ? *gymnitum*. Kittl, E. 2371.
- CARDITA** [Pelecypoda].
 ——— *camerunensis*. Oppenheim, P. 2491.
 ——— *catharia*. Dall, W. H. 2209.
 ——— *chaylai*. Meunier, S. 2457.

CARDITA [Pelecypoda].

- _____ *prestoni*. Dall, W. H. 2209.
 _____ *tegea*. Dall, W. H. 2209.
 _____ *vaughani*. Dall, W. H. 2209.

CARDIUM [Pelecypoda].

- _____ *bullen-neurtoni*. Etheridge,
 R. jun. 2251.
 _____ *calvertensium*. Glenn, L. C.
 2296.
 _____ *lenzi*. Oppenheim, P. 2491.
 _____ *patuxentium*. Glenn, L. C.
 2206.

Carstenia n. gen. [Cephalopoda].

- _____ Hyatt, A. 2346.
 _____ ? *tuberculata*. Hyatt, A.
 2346.

CERATITES [Cephalopoda].

- _____ *armatus*. Philippi, E. 2517.
 _____ *atavus*. Philippi, E. 2517.
 _____ *dorsoplanus*. Philippi, E.
 2517.
 _____ *evolutus*. Philippi, E. 2517.
 _____ *flexuosus*. Philippi, E. 2517.
 _____ *humilis*. Philippi, E. 2517.
 _____ *intermedius*. Philippi, E.
 2517.
 _____ *laetigatus*. Philippi, E.
 2517.
 _____ *spinosus*. Philippi, E. 2517.
 _____ *rodesi*. Smith, J. P. 2639.

CERITHIOPSIS [Gastropoda].

- _____ *calvertensis*. Martin, G. C.
 2441.

CERITHIUM [Gastropoda].

- _____ *beyschlagi*. Wolleemann, A.
 2744.
 _____ *di-lorezoi*. Scalia, S. 2575.
 _____ *peronae*. Scalia, S. 2575.
 _____ *simonellii*. Scalia, S. 2575.
 _____ *stoppanii*. Scalia, S. 2575.
 _____ *zeisei*. Wolleemann, A.
 2744.

CEROMYA [Pelecypoda].

- _____ *isocardioides*. Sturm, F.
 2677.

CHAMA [Pelecypoda].

- _____ *caloosana*. Dall, W. H.
 2209.
 _____ *chipolana*. Dall, W. H.
 2209.
 _____ *draconis*. Dall, W. H.
 2209.
 _____ *lyelli*. Dall, W. H. 2209.
 _____ *tampaensis*. Dall, W. H.
 2209.

CHEMNITZIA [Gastropoda].

- _____ *carapezzae*. Scalia, S. 2575.
 _____ *elegans*. Scalia, S. 2575.
 _____ *helicoides*. Scalia, S. 2575.
 _____ *mirabilis*. Scalia, S. 2575.
 _____ *obeliscus*. Scalia, S. 2575.
 _____ *pyramis*. Scalia, S. 2575.
 _____ *zezii*. Scalia, S. 2575.

CHIONE [Pelecypoda].

- _____ *ballista*. Dall, W. H. 2209.
 _____ *chipolana*. Dall, W. H. 2209.
 _____ *craspedonia*. Dall, W. H.
 2209.
 _____ *erosa*. Dall, W. H. 2209.
 _____ *glyptocyma*. Dall, W. H.
 2209.
 _____ *hendersonii*. Dall, W. H.
 2209.
 _____ *parkeria*. Glenn, L. C. 2296.
 _____ *rhodia*. Dall, W. H. 2209.
 _____ *spada*. Dall, W. H. 2209.
 _____ *victoria*. Dall, W. H.
 2209.
 _____ *xesta*. Dall, W. H. 2209.

CHITON [Amphineura].

- _____ *busambrensis*. Scalia, S.
 2575.
 _____ *compressus*. Scalia, S.
 2575.
 _____ *giganteus*. Scalia, S. 2575.
 _____ *monterosatoi*. Scalia, S.
 _____ *zitteli*. Scalia, S. 2575.

CHLAMYS [Pelecypoda].

- _____ *anatipes*. Ugolini, R. 2700.
 _____ *bononiensis*. Ugolini, R.
 2700.
 _____ *transversa*. Ugolini, R.
 2700.

Choffaticeras n. gen. [Cephalopoda].

Hyatt, A. 2346

CHRYSODOMUS [Gastropoda].

- _____ *patuxentensis*. Martin, G. C.
 2441.

CIRCE [Pelecypoda].

- _____ *koeneni*. Skrinnikov, A.
 2636.

CLANCULUS [Gastropoda].

- _____ *praecruciatum*. Michailov-
 skij, G. P. 2460.

CLAVELLA [Gastropoda].

- _____ *platystropha*. Pritchard,
 G. B. 2536.

- Clavellifusus* n. gen. [Gastropoda].
 Grabau, A. W. 2301.
 — *macrospiratus*. Grabau, A. W. 2301.
 — *spiratus*. Grabau, A. W. 2301.
 — *tuberculatus*. Grabau, A. W. 2301.
- CLAVILITHES* [Gastropoda].
 — *conjunctoides*. Grabau, A. W. 2301.
 — *solanderi*. Grabau, A. W. 2301.
 — *subscalaris*. Grabau, A. W. 2301.
- Clavulites* n. gen. [Scaphopoda]. Girty, G. B. 2295.
 — *howardensis*. Girty, G. H. 2295.
- CLYMENIA* [Cephalopoda].
 — *kayseri*. Drevermann, F. 2231.
- CODAKIA* [Pelecypoda].
 — *chipolana*. Dall, W. H. 2209.
 — *erosa*. Dall, W. H. 2209.
 — *magnoliae*. Dall, W. H. 2209.
 — *pertensa*. Dall, W. H. 2209.
 — *spinulosa*. Dall, W. H. 2209.
 — *wendryesi*. Dall, W. H. 2209.
- Oeilopoceras* n. gen. [Cephalopoda].
 Hyatt, A. 2346.
 — *colleti*. Hyatt, A. 2346.
 — ? *grossouvrei*. Hyatt, A. 2346.
 — *novimexicanum*. Hyatt, A. 2346.
 — *springeri*. Hyatt, A. 2346.
- COLLONIA* [Gastropoda].
 — *geelongensis*. Pritchard, G. B. 2536.
- COLUMBELLA* [Gastropoda].
 — *approximans*. Pritchard, G. B. 2536.
 — *baleambensis*. Pritchard, G. B. 2536.
 — *calvertensis*. Martin, G. C. 2441.
 — *subcarinata*. Oppenheim, P. 2491.
- CONOCARDIUM* [Pelecypoda].
 — *beushauseni*. Drevermann, F. 2231.
 — *multistriatum*. Kindle, E. M. and Breger, C. L. 2370.
 — *oreni*. Kindle, E. M. and Breger, C. L. 2370.
- CONULARIA*.
 — *ornatissima*. Chapman, F. 2174.
- CONSULA* [Pelecypoda].
 — *cercus*. Oppenheim, P. 2491.
 — *praeapibba*. Oppenheim, P. 2491.
- CONUSLITHES* n. gen. [Gastropoda].
 Grabau, A. W. 2301.
 — *submultiplicatus*. Grabau, A. W. 2301.
- COTTESWOLDIA* [Cephalopoda].
 — *attrita*. Buckman, S. S. 2150.
 — *erosa*. Buckman, S. S. 2150.
 — *bifax*. Buckman, S. S. 2150.
 — *particostata*. Buckman, S. S. 2150.
 — *paucicostata*. Buckman, S. S. 2150.
- CRASSATELLITES* [Pelecypoda].
 — *acutus*. Dall, W. H. 2209.
 — *bouddenensis*. Dall, W. H. 2209.
 — *chipolanus*. Dall, W. H. 2209.
 — *duplinianus*. Dall, W. H. 2209.
 — *jamaicensis*. Dall, W. H. 2209.
 — *tanicus*. Dall, W. H. 2209.
 — *triangulatus*. Dall, W. H. 2209.
- CRENELLA* [Pelecypoda].
 — *gubernatoria*. Glenn, L. C. 2296.
 — *virida*. Glenn, L. C. 2296.
- CREPIDULA* [Gastropoda].
 — *precursor*. Dall, W. H. 2213.
 — *ungana*. Dall, W. H. 2213.
- CRISTIDA* n. gen. [Cephalopoda].
 Buckman, S. S. 2150.
 — *reflua*. Buckman, S. S. 2150.

- CROSSOSTOMA** [Gastropoda].
 ——— *buccai*. Scalia, S. 2575.
- CUCULLAEA** [Pelecypoda].
 ——— *deichmülleri*. Sturm, F. 2677.
 ——— *seisiana*. Broili, F. 2131.
 ——— *tschapitana*. Broili, F. 2131.
- CUSPIDARIA** [Pelecypoda].
 ——— *craspedonia*. Dall, W. H. 2209.
 ——— *distira*. Dall, W. H. 2209.
- CYATHODONTA** [Pelecypoda].
 ——— *guadalupensis*. Dall, W. H. 2209.
 ——— *spenceri*. Dall, W. H. 2209.
 ——— *vickburgiana*. Dall, W. H. 2209.
- CYOLINELLA** [Pelecypoda].
 ——— *gatunensis*. Dall, W. H. 2209.
- CYLIOHNA** [Gastropoda].
 ——— *calvertensis*. Martin, G. C. 2441.
 ——— *fusuliniformis*. Etheridge, R., jun. 2251.
 ——— ? *greensboroënsis*. Martin, G. C. 2441.
 ——— *griesbachi*. Etheridge, R., jun. 2251.
- CYLLENE** [Gastropoda].
 ——— *desnoyersi* var. *turonica* n. var. Peyrot. 2516.
- Cymatocyclas** n. subgen. [Pelecypoda].
 Dall, W. H. 2210.
- CYRENA** [Pelecypoda].
 ——— *dupliniana*. Dall, W. H. 2209.
 ——— *oblonga*. Skrinnikov, A. 2636.
- Cyrtodontarca** n. gen. [Pelecypoda].
 ——— *Jakovlev*, N. 2357.
 ——— *bakewellioides*. Jakovlev, N. 2357.
- CYTHAREA** [Pelecypoda].
 ——— *anadyomene*. Oppenheim, P. 2491.
 ——— *caudata*. Oppenheim, P. 2491.
 ——— *caesarina*. Dall, W. H. 2209.
 ——— *eschi*. Oppenheim, P. 2491.
 ——— *glyptoconcha*. Dall, W. H. 2209.

- CYTHAREA** [Pelecypoda].
 ——— ? *kaffraria*. Etheridge, R. jun. 2251.
 ——— *latesulcata*. Oppenheim, P. 2491.
 ——— *nachtigali*. Oppenheim, P. 2491.
 ——— *palma*. Oppenheim, P. 2491.
 ——— *perambigua*. Oppenheim, P. 2491.
 ——— *perstriatula*. Oppenheim, P. 2491.
 ——— *shepardi*. Dall, W. H. 2209.
 ——— *ucattana*. Dall, W. H. 2209.
 ——— *willcoxi*. Dall, W. H. 2209.
- Darellella** n. gen. [Cephalopoda].
 ——— Buckman, S. S. 2150.
 ——— *recticostata*. Buckman, S. S. 2150.
- DARELLIA** [Cephalopoda].
 ——— *concinna*. Buckman, S. S. 2150.
 ——— *toxeres*. Buckman, S. S. 2150.
- Darellina** n. gen. [Cephalopoda].
 ——— Buckman, S. S. 2150.
 ——— ? *docilis*. Buckman, S. S. 2150.
 ——— *dorsetensis*. Buckman, S. S. 2150.
 ——— *planaris*. Buckman, S. S. 2150.
- DELPHINULA** [Gastropoda].
 ——— *kokeni*. Picard, E. 2520.
- DELTOIDOCERAS** [Cephalopoda].
 ——— *astriatum*. Buckman, S. S. 2150.
 ——— *idoneum*. Buckman, S. S. 2150.
- DELTOTOOCERAS** [Cephalopoda].
 ——— *cuneatum*. Buckman, S. S. 2150.
 ——— *triangulare*. Buckman, S. S. 2150.
- DENTALIUM** [Scaphopoda].
 ——— *cristallinum*. Scalia, S. 2575.
 ——— *splendens*. Wollemann, A. 2744.
- DEPAOCERAS** [Cephalopoda].
 ——— *hamatum*. Buckmann, S. S. 2150.

- DESMOCERAS** [Cephalopoda].
 ——— *keilhacki*. Wollemaun, A. 2744.
- DIFLACHOCERAS** [Cephalopoda].
 ——— *canaliculatum*. Hyatt, A. 2346.
- DISCOHELIX** [Gastropoda].
 ——— *grzybowskii*. Wójcik, K. 2740.
- DISSOROCERAS** [Cephalopoda].
 ——— *excreatum* n. nom. Buckman, S. S. 2150.
 ——— *subornatum*. Buckmann, S. S. 2150.
- DIVARICELLA** [Pelecypoda].
 ——— *chipolana*. Dall, W. H. 2209.
 ——— *compes*. Dall, W. H. 2209.
- DONAX** [Pelecypoda].
 ——— *andersoni*. Etheridge, R. jun. 2251.
- DORSIA** [Pelecypoda].
 ——— ? *alaskana*. Dall, W. H. 2211.
 ——— *chipolana*. Dall, W. H. 2209.
 ——— *liogona*. Dall, W. H. 2209.
- DOUVILLIERICERAS** [Cephalopoda].
 ——— *orbigny*. Hyatt, A. 2346.
- DRILLIA** [Gastropoda].
 ——— *calvertensis*. Martin, G. C. 2441.
 ——— *incilifera* var. *angulata* n. var. Martin, G. C. 2441.
 ——— *limatula* var. *pyramidalis* n. var. Martin, G. C. 2441.
 ——— *whitfieldi*. Martin, G. C. 2441.
- DEMORTIERIA** [Cephalopoda].
 ——— *ecolūtissima*. Prinz, G. 2535.
- ECHINOCHAMA** [Pelecypoda].
 ——— *antiquata*. Dall, W. H. 2209.
- ECHTHORA** [Gastropoda].
 ——— *tricostata*. Martin, G. C. 2441.
- EDMONDIA** [Pelecypoda].
 ——— *acuta*. Hind, W. 2328.
 ——— *truncata*. Hind, W. 2328.
- EMARGINULA** [Gastropoda].
 ——— *agata*. Scala, S. 2575.
 ——— *marylandica*. Martin, G. C. 2441.
- ENCOSOCERAS** [Cephalopoda].
 ——— *complicatum*. Hyatt, A. 2346.
 ——— *gibbosum*. Hyatt, A. 2346.
 ——— *subjectum*. Hyatt, A. 2346.
- ENTALIS** [Scaphopoda].
 ——— ? *multiplicans*. Kittl, E. 2371.
 ——— ? *orakovicensis*. Kittl, E. 2371.
 ——— ? *turcica*. Kittl, E. 2371.
- EPISARGOCERAS** n. gen. [Cephalopoda].
 ——— *latidorsatum*. Noetling, F. 2476.
- ESIPHYLA** [Pelecypoda].
 ——— *rupert-jonesi*. Etheridge, R. jun. 2251.
- ERYCINA** [Pelecypoda].
 ——— *calvertensis*. Glenn, L. C. 2296.
 ——— *marylandica*. Glenn, L. C. 2296.
 ——— *pruna*. Glenn, L. C. 2296.
 ——— *rickardia*. Glenn, L. C. 2296.
 ——— *speciosa*. Glenn, L. C. 2296.
- ERYCINELLA** [Pelecypoda].
 ——— *bernardi*. Dall, W. H. 2200.
- ERYCITES** [Cephalopoda].
 ——— *baconicus*. Prinz, G. 2535.
 ——— *bánffy*. Prinz, G. 2535.
 ——— *ezimius*. Prinz, G. 2535.
 ——— *intermedius*. Prinz, G. 2535.
 ——— *involutus*. Prinz, G. 2535.
 ——— *partsch*. Prinz, G. 2535.
 ——— *perczeli*. Prinz, G. 2535.
 ——— *retroscissatus*. Prinz, G. 2535.
 ——— *schafarziki*. Prinz, G. 2535.
 ——— *szontaghi*. Prinz, G. 2535.
 ——— *telegi-rothi*. Prinz, G. 2535.
- EULIMELLA** [Gastropoda].
 ——— *marylandica*. Martin, G. C. 2441.
- EULOPHOCERAS** n. gen. [Cephalopoda].
 ——— *natalense*. Hyatt, A. 2316.
- EGOMPHALOPTERUS** [Gastropoda].
 ——— *alatus* var. *americanus* n. var. Kindle, E. M. and Breger, C. L. 2370.
 ——— *alatus* var. *limatoides* n. var. Kindle, E. M. and Breger, C. L. 2370.

- EUOMPHALUS** [Gastropoda].
 ——— *taricosus*. Drevermann, F. 2231.
- EUTHRIA** [Gastropoda].
 ——— *guibei*. Peyrot. 2516.
- EUTOMOCERAS** [Cephalopoda].
 ——— *dunni*. Smith, J. P. 2639.
- EUTROCHUS** [Gastropoda].
 ——— *fontinalis*. Pritchard, G. B. 2536.
- Falsifusus** n. gen. [Gastropoda]. Grabau, A. W. 2301.
- FEDAIELLA** [Gastropoda].
 ——— *magna*. Picard, E. 2520.
- FICULA** [Gastropoda].
 ——— *sobria*. Oppenheim, P. 2491.
- FLEMINGITES** [Cephalopoda].
 ——— *russelli*. Smith, J. P. 2639.
- FRECHIELLA** [Cephalopoda].
 ——— *brunsvicensis*. Hoyer. 2340.
 ——— *curcata*. Prinz, G. 2534.
- Fritschia** n. gen. [Gastropoda]. Picard, E. 2520.
 ——— *multicostata*. Picard, E. 2520.
 ——— *paucicostata*. Picard, E. 2520.
- Fulgurofusus** n. gen. [Gastropoda]. Grabau, A. W. 2301.
- FUSUS** [Gastropoda].
 ——— *castelarquatenensis*. Grabau, A. W. 2301.
 ——— *gabbi*. Grabau, A. W. 2301.
 ——— ? *schrammeni*. Wolleemann, A. 2744.
- GAFRARIUM** [Pelecypoda].
 ——— *altum*. Dall, W. H. 2209.
 ——— *erosum*. Dall, W. H. 2209.
- GEMMA** [Pelecypoda].
 ——— *magna*. Dall, W. H. 2209.
 ——— *trigona*. Dall, W. H. 2209.
- Gerhardtia** n. gen. [Cephalopoda]. Hyatt, A. 2346.
- GERVILLIA** [Pelecypoda].
 ——— *latealata*. Broili, F. 2131.
 ——— *paronai*. Broili, F. 2131.
 ——— *planata*. Broili, F. 2131.
 ——— *recthpleitzi*. Broili, F. 2131.
- GERVILLEIA** [Pelecypoda].
 ——— *bosniaca*. Kittl, E. 2371.

- GIBBULA** [Gastropoda].
 ——— *canatarii*. Scalia, S. 2575.
- GONIOBASIS** [Gastropoda].
 ——— *marylandica*. Martin, G. C. 2441.
- GONIOMYA** [Pelecypoda].
 ——— *gallischi*. Sturm, F. 2677.
 ——— *vogti*. Sturm, F. 2677.
- GRAPHOCERAS** [Cephalopoda].
 ——— *debile*. Buckman, S. S. 2150.
 ——— ? *inclusum*. Buckman, S. S. 2150.
 ——— *mirabile*. Buckman, S. S. 2150.
 ——— *robustum*. Buckman, S. S. 2150.
- GRATELOUPIA** [Pelecypoda].
 ——— *alumensis*. Dall, W. H. 2209.
- HALIOTIS** [Gastropoda].
 ——— *neuvillii*. Bial de Bellerade. 2111.
- HALOBIA** [Pelecypoda].
 ——— *brachyotis*. Kittl, E. 2371.
 ——— *halilutensis*. Kittl, E. 2371.
- HAMITES** [Cephalopoda].
 ——— *gottschei*. Wolleemann, A. 2745.
 ——— *werneckei*. Wolleemann, A. 2745.
- HAMMATOCERAS** [Cephalopoda].
 ——— *halavátsi*. Prinz, G. 2535.
 ——— *kochi*. Prinz, G. 2535.
 ——— *mágocsyi*. Prinz, G. 2535.
 ——— *spinosum*. Prinz, G. 2535.
 ——— *stenomphalum*. Prinz, G. 2535.
- HARPOCERAS** [Cephalopoda].
 ——— *laevigatum*. Prinz, G. 2535.
 ——— *latifalcatum*. Prinz, G. 2535.
- Hellprinia** n. gen. [Gastropoda]. Grabau, A. W. 2301.
- HEINZIA** [Cephalopoda].
 ——— *hispanica*. Hyatt, A. 2346.
 ——— *matura*. Hyatt, A. 2346.
 ——— *pulchelliformis*. Hyatt, A. 2346.
- HILDOCERAS** [Cephalopoda].
 ——— *nodosum*. Prinz, G. 2535.
 ——— *téryi*. Prinz, G. 2535.
 ——— *tirolense* var. *pannonica* n. var. Prinz, G. 2535.
 ——— *rolzi*. Prinz, G. 2535.

- HOFERIA** [Pelecypoda].
 ——— *compressa*. Broili, F. 2131.
- HOLOGYRA** [Gastropoda].
 ——— *gemmellaroi*. Scalia, S. 2575.
- HUPLITOIDES** [Cephalopoda].
 ——— *koeneni*. Solger, F. 2643.
- Hugia** n. gen. [Cephalopoda].
 ——— Buckman, S. S. 2150.
 ——— *curva*. Buckman, S. S. 2150.
 ——— *micca*. Buckmann, S. S. 2150.
- HYOLITHES**.
 ——— *spnyi*. Chapman, F. 2174.
- HYPERLIO CERAS** [Cephalopoda].
 ——— *curvicostatum*. Buckman, S. S. 2150.
 ——— *deflexum* n. nom. Buckman, S. S. 2150.
 ———? *occlusum*. Buckman, S. S. 2150.
- INOCERAMUS** [Pelecypoda].
 ——— *frechi*. Flegel, K. 2257.
 ——— *giganteus*. Pálffy, M. 2499.
 ——— *glatsias*. Flegel, K. 2257.
 ——— *hungaricus*. Pálffy, M. 2499.
- Inoceramya** n. gen. [Pelecypoda].
 ——— Ulrich, E. O. 2701.
 ——— *concentrica*. Ulrich, E. O. 2701.
- ISOCARDIA** [Pelecypoda].
 ——— *heintzeli*. Wolleemann, A. 2745.
 ——— *ignolea*. Glenn, L. C. 2296.
 ——— *mazlea*. Glenn, L. C. 2296.
- KELLIA** [Pelecypoda].
 ——— *rotundula*. Glenn, L. C. 2296.
- KILJANIA** [Cephalopoda].
 ——— *armipotens*. Buckman, S. S. 2150.
 ——— *laciniosa*. Buckman, S. S. 2150.
 ———? *tuberata*. Buckman, S. S. 2150.
- KNEMICERAS** [Cephalopoda].
 ——— *compressum*. Hyatt, A. 2346.
 ——— *gabbi*. Hyatt, A. 2346.
- LATIBUS** [Gastropoda].
 ——— *incompletus*. Oppenheim, P. 2491.
- LEDA** [Pelecypoda].
 ——— *levini*. Wolleemann, A. 2744.
 ——— *substriatula*. Oppenheim, P. 2491.
- LIMA** [Pelecypoda].
 ——— *aequilateralis*. Kittl, E. 2371.
 ——— *britannica*. Woods, H. 2750.
 ——— *bucambrensis*. Scalia, S. 2575.
 ——— *cantabrigiensis* n. nom. Woods, H. 2750.
 ——— *cretacea*. Woods, H. 2750.
 ——— *gaultina* n. nom. Woods, H. 2750.
 ——— *meyeri*. Woods, H. 2750.
 ——— *scabrissima*. Woods, H. 2750.
 ——— *schmeisseri*. Wolleman, A. 2745.
 ——— *vectensis*. Woods, H. 2750.
 ——— *wintonensis*. Woods, H. 2750.
 ——— *sitteli*. Broili, F. 2131.
- Limipecten** n. gen. [Pelecypoda].
 ——— Girty, G. H. 2295.
 ——— *texanus*. Girty, G. H. 2295.
 ——— *texanus* var. *grandicostatus* n. var. Girty, G. H. 2295.
- LIRODISCUS** [Pelecypoda].
 ——— *wailesii*. Dall, W. H. 2209.
- LITHOPHAGA** [Pelecypoda].
 ——— *ionensis*. Glenn, L. C. 2296.
- LITTORINA** [Gastropoda].
 ——— *lubrica*. Wolleman, A. 2744.
- LITUITES** [Cephalopoda].
 ——— *herculeus* var. *carrollensis* n. var. Kindle E. M. & Breger, C. L. 2370.
- Lopadoceras** n. gen. [Cephalopoda].
 ——— Buckman, S. S. 2150.
 ——— *arcuatum*. Buckman, S. S. 2150.
 ——— *euides*. Buckman, S. S. 2150.
 ——— *furcatum*. Buckman, S. S. 2150.
- LOXONEMA** [Gastropoda].
 ——— *columnare*. Picard, E. 2520.
 ——— *elongatum*. Picard, E. 2520.
 ——— *falcatum*. Picard, E. 2520.
 ——— *kokeni*. Picard, E. 2520.
 ——— *rectecostatum*. Picard, E. 2520.

- LUCINA** [Pelecypoda].
 ——— *camerunensis*. Oppenheim, P. 2491.
 ——— *corpulenta*. Dall, W. H. 2209.
 ——— *janus*. Dall, W. H. 2209.
 ——— *santarosana*. Dall, W. H. 2209.
- LUOYA** [Cephalopoda].
 ——— *marginata*. Buckman, S. S. 2150.
- LUDWIGELLA** [Cephalopoda].
 ——— *arcuata*. Buckman, S. S. 2150.
 ——— *attenuata*. Buckman, S. S. 2150.
 ——— *attracta*. Buckman, S. S. 2150.
 ——— *blanda*. Buckman, S. S. 2150.
 ——— *callosa*. Buckman, S. S. 2150.
 ——— *carinata*. Buckman, S. S. 2150.
 ——— *casta*. Buckman, S. S. 2150.
 ——— *flexilis*. Buckman, S. S. 2150.
 ——— *glevensis*. Buckman, S. S. 2150.
 ——— *impolita*. Buckman, S. S. 2150.
 ——— *micra*. Buckman, S. S. 2150.
 ——— *modica*. Buckman, S. S. 2510.
 ——— *opaca*. Buckman, S. S. 2150.
 ——— *rugosa*. Buckman, S. S. 2150.
 ——— *subobsoleta*. Buckman, S. S. 2150.
 ——— *tennis*. Buckman, S. S. 2150.
 ——— *vibrata*. Buckman, S. S. 2150.
- LUDWIGIA** [Cephalopoda].
 ——— *gradata* n. nom. Buckman, S. S. 2150.
 ——— *laevigata*. Buckman, S. S. 2150.
 ——— *tuberculata* n. nom. Buckman, S. S. 2150.
- LYONSIA** [Pelecypoda].
 ——— *acuta*. Dall, W. H. 2209.
- LYTOCERAS** [Cephalopoda].
 ——— *humile*. Prinz, G. 2535.
 ——— *rasile* var. *humilisimilis* n. var. Prinz, G. 2535.
- MACOMA** [Pelecypoda].
 ——— *marylandica*. Glenn, L. C. 2296.
- MACROCALLISTA** [Pelecypoda].
 ——— *acuminata*. Dall, W. H. 2209.
 ——— *gilberti*. Dall, W. H. 2213.
- MACROCEPHALITES** [Cephalopoda].
 ——— *pompeckji*. Madsen, V. 2433.
- MACRODON** [Pelecypoda].
 ——— *fucini*. Scalia, S. 2575.
 ——— *klipsteini*. Broili, F. 2131.
 ——— *laubei*. Broili, F. 2131.
 ——— *naliuckini*. Jakovlev, N. 2357.
 ——— *parallelum*. Plovaisky, D. 2347.
 ——— *terquemi*. Scalia, S. 2575.
- MACTRA** [Pelecypoda].
 ——— ? *rhomboidea*. Oppenheim P. 2491.
 ——— *fragilis*. Laskarev, V. 2401.
 ——— *zulu*. Etheridge, R. jun. 2251.
- MANGILIA** [Gastropoda].
 ——— *cornelliana*. Martin, G. C. 2441.
 ——— *duperrayi*. Peyrot. 2516.
 ——— *obtus*. Martin, G. C. 2441.
 ——— *parvoidea*. Martin, G. C. 2441.
 ——— *patuxentia*. Martin, G. C. 2441.
- Mantelliceras** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
 ——— *picteti*. Hyatt, A. 2346.
- MARGARITES** [Cephalopoda].
 ——— *peninsularis*. Dall, W. H. 2213.
- MARGINELLA** [Gastropoda].
 ——— *calvertensis*. Martin, G. C. 2441.
- MARMOLATELLA** [Gastropoda].
 ——— *plana*. Picard, E. 2520.
- MATHILDA** [Gastropoda].
 ——— *capellini*. Scalia, S. 2575.
- MEGAMBONIA** [Pelecypoda].
 ——— *carbonifera*. Hind, W. 2328.
- MELINA** [Pelecypoda].
 ——— *andersoni*. Etheridge, R. jun. 2251.
- MESODESMA** [Pelecypoda].
 ——— *alaskensis*. Dall, E. H. 2213.
 ——— *mariana*. Glenn, L. C. 2296.
- Metasigaloceras** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.

- Metatissotia** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
 ——— *nodosa*. Hyatt, A. 2346.
- Metengonoceras** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
 ——— *acutum*. Hyatt, A. 2346.
 ——— *ambiguum*. Hyatt, A. 2346.
 ——— *inscriptum*. Hyatt, A. 2346.
- Metoloceras** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
 ——— *acceleratum*. Hyatt, A. 2346.
 ——— *gibbosum*. Hyatt, A. 2346.
 ——— *whitei*. Hyatt, A. 2346.
- Miodontiscus** subgen. n. nom. [Pelecypoda].
 ——— Dall, W. H. 2209.
- Miodontopsis** n. nom. [Pelecypoda].
 ——— Dall, W. H. 2210.
- Mitra** [Gastropoda].
 ——— *mariana*. Martin, G. C. 2441.
- Modiola** [Pelecypoda].
 ——— *tagliarini*. Scalia, S. 2575.
 ——— *wrighti*. Hind, W. 2328.
- Modiolaria** [Pelecypoda].
 ——— *curta*. Glenn, L. C. 2296.
- Modiolus** [Pelecypoda].
 ——— *alaskanus*. Dall, W. H. 2213.
 ——— *dalli*. Glenn, L. C. 2296.
 ——— *harrimani*. Dall, W. H. 2213.
 ——— *ionensis*. Glenn, L. C. 2296.
- Murex** [Gastropoda].
 ——— *camerunensis*. Oppenheim, P. 2491.
- Myalina** [Pelecypoda].
 ——— *excentrica*. Drevermann, F. 2231.
- Myoconcha** [Pelecypoda].
 ——— *appeli*. Kittl, E. 2371.
 ——— *auriculata*. Broili, F. 2131.
 ——— *curvata*. Broili, F. 2131.
 ——— *grönlandica*. Madsen, V. 2433.
 ——— *ptychitum*. Kittl, E. 2371.
 ——— *rugulosa*. Kittl, E. 2371.
 ——— *recta*. Broili, F. 2131.
 ——— *retroflexa*. Broili, F. 2131.
- Myophoria** [Pelecypoda].
 ——— *acuticostata*. Broili, F. 2131.
- Myrtara** [Pelecypoda].
 ——— *furcata*. Dall, W. H. 2209.
 ——— *limoniana*. Dall, W. H. 2209.
 ——— *vermiculata*. Dall, W. H. 2209.
- Mysidioptera** [Pelecypoda].
 ——— *ocuta*. Broili, F. 2131.
 ——— *angusticostata*. Broili, F. 2131.
 ——— *aviculaeformis*. Broili, F. 2131.
 ——— *bittneri*. Broili, F. 2131.
 ——— *compressa*. Broili, F. 2131.
 ——— *crassicostata*. Broili, F. 2131.
 ——— *elongata*. Broili, F. 2131.
 ——— *glaberrima*. Kittl, E. 2371.
 ——— *globosa*. Broili, F. 2131.
 ——— *gracilis*. Broili, F. 2131.
 ——— *interrupta*. Broili, F. 2131.
 ——— *latifissa*. Broili, F. 2131.
 ——— *marginata*. Broili, F. 2131.
 ——— *multistriata*. Broili, F. 2131.
 ——— *obliqua*. Broili, F. 2131.
 ——— *planata*. Broili, F. 2131.
 ——— *readi*. Broili, F. 2131.
 ——— *rotunda*. Broili, F. 2131.
 ——— *striata*. Broili, F. 2131.
- Mytilus** [Pelecypoda].
 ——— *boldaccii*. Scalia, S. 2575.
 ——— *nikitiniensis*. Ilovaisky, D. 2347.
- Nassa** [Gastropoda].
 ——— *calvertensis*. Martin, G. C. 2441.
 ——— *greensboroensis*. Martin, G. C. 2441.
 ——— *gubernatoria*. Martin, G. C. 2441.
 ——— *marylandica*. Martin, G. C. 2441.
 ——— *migueli*. Peyrot. 2516.
 ——— *peraltoides*. Martin, G. C. 2441.
- Natica** [Gastropoda].
 ——— *osculum*. Oppenheim, P. 2491.
 ——— *servorum*. Oppenheim, P. 2491.
 ——— *sudetica*. Sturm, F. 2677.
- Naticella** [Gastropoda].
 ——— *bergeri*. Picard, E. 2520.
 ——— *tenuicostata*. Picard, E. 2520.

NEOLOBITES [Cephalopoda].

- *choffati*. Hyatt, A. 2346.
 ——— *peroni*. Hyatt, A. 2346.

NEOPTYCHITES [Cephalopoda].

- *crassus*. Solger, F. 2643.
 ——— *telingaeformis*. Solger, F. 2643.

NERINEA [Gastropoda].

- *dobrudschensis*. Toula, F. 2690.
 ——— *isteriana*. Toula, F. 2690.

NERITARIA [Gastropoda].

- *depressa*. Picard, E. 2520.
 ——— *magna*. Picard, E. 2520.
 ——— *prior*. Picard, E. 2520.
 ——— *sphaeroidica*. Picard, E. 2520.

Nicklesia n. gen. [Cephalopoda]. Hyatt, A. 2346.

- *alicantensis*. Hyatt, A. 2346.
 ——— *lenticulata*. Hyatt, A. 2346.

Nothamusiium n. gen. [Pelecypoda]. Hind, W. 2328.

- *radiatum*. Hind, W. 2328.
 ——— *transversum*. Hind, W. 2328.

NUCULA [Pelecypoda].

- *degrangei*. Peyrot. 2516.
 ——— *perkéo*. Oppenheim, P. 2491.

NUCULITES [Pelecypoda].

- *capensis*. Reed, F. R. C. 2546.
 ——— *colonicus*. Reed, F. R. C. 2546.
 ——— *martialis*. Reed, F. R. C. 2546.

OCHETOCERAS [Cephalopoda].

- *canaliculatoide*. Illovaïsky, D. 2347.

ODOSTOMIA [Gastropoda].

- *calvertensis*. Martin, G. C. 2441.
 ——— *mariana*. Martin, G. C. 2441.
 ——— *marylandica*. Martin, G. C. 2441.

Oedania n. gen. [Cephalopoda]. Buckman, S. S. 2150.

- *delicata*. Buckman, S. S. 2150.
 ——— *falcigera*. Buckman, S. S. 2150.
 ——— *inflata*. Buckman, S. S. 2150.
 ——— *lepta*. Buckman, S. S. 2150.
 ——— *parricostata*. Buckman, S. S. 2150.

OLIVA [Gastropoda].

- *harrisi*. Martin, G. C. 2441.

OLIVELLA [Gastropoda].

- *zintgrafi*. Oppenheim, P. 2491.

OPIS [Pelecypoda].

- *busambrensis*. Scalia, S. 2575.
 ——— *triptycha*. Kittl, E. 2371.

ORIOSTOMA [Gastropoda].

- *huntingtonensis*. Kindle, E. M. & Breger, C. L. 2370.
 ——— *huntingtonensis* var. *natum* n. var. Kindle, E. M. & Breger, C. L. 2370.
 ——— *plana*. Kindle, E. M. & Breger, C. L. 2370.

ORTUOCERAS [Cephalopoda].

- *bokkeveldensis*. Reed, F. R. C. 2546.
 ——— *delphiensis*. Kindle, E. M. & Breger, C. L. 2370.
 ——— *gamkaensis*. Reed, F. R. C. 2546.
 ——— *kentlandensis*. Kindle, E. M. & Breger, C. L. 2370.
 ——— *waageni*. Kittl, E. 2371.

Osmanoceras n. gen. [Cephalopoda].

- *undulatum*. Kittl, E. 2371.

OSTREA [Pelecypoda].

- *calceiformis*. Broili, F. 2131.
 ——— *choffati*. Oppenheim, P. 2491.
 ——— *drepanon*. Wollemaun, A. 2745.
 ——— *helios*. Wollemaun, A. 2745.

PACHYCARDIA [Pelecypoda].

- *alunulata*. Kittl, E. 2371.
 ——— *plieningeri*. Broili, F. 2131.

PACHYDISCUS [Cephalopoda].

- *laevicaniculatus*. Lasswitz, R. 2402.

Paineia

- n. gen. [Cephalopoda]. Buckman, S. S. 2150.

PALAEONEILO [Pelecypoda].

- *subantiqua*. Reed, F. R. C. 2546.

PANDORA [Pelecypoda].

- *arctica*. Dall, W. H. 2209.
 ——— *dodona*. Dall, W. H. 2209.
 ——— *lata*. Dall, W. H. 2209.

PANOPAEA [Pelecypoda].

- *anatinoides*. Sturm, F. 2677.
 ——— *claviformis*. Sturm, F. 2677.

PAPYRIDEA [Pelecypoda].

———— *harrimani*. Dall, W. H.
2213.

PAQUIERIA [Cephalopoda].

———— *angulata*. Buckman, S. S.
2150.

———— *floccosa*. Buckman, S. S.
2150.

PARALLELODON [Pelecypoda].

———— *angustus*. Hind, W. 2328.

———— *elongatus*. Hind, W. 2328.

Paratissotia n. gen. [Cephalopoda].

Hyatt, A. 2346.

———— *regularis*. Hyatt, A. 2346.

PATELLA [Gastropoda].

———— *clathrata*. Scalia, S. 2575.

———— *ottomana*. Kittl, E. 2371.

PEOTEN [Pelecypoda].

———— *barthi*. Wolleemann, A.
2743.

———— *cancellans*. Kittl, E. 2371.

———— *de stefani*. Ugolini, R.
2700.

———— *donigeri*. Michailovskij,
G. P. 2460.

———— *grandiformis*. Ugolini, R.
2700.

———— *hilberi*. Michailovskij, G. P.
2460.

———— *josslingi* var. *superprofundus*
n. var. Ugolini, R. 2700.

———— *kellneri*. Kittl, E. 2371.

———— *magneauritus*. Kittl, E.
2371.

———— *marginiplicatus*. Kittl, E.
2371.

———— *nigromagnus* Sacco var.
angusticostatus n. var.
Ugolini, R. 2700.

———— *pračaensis*. Kittl, E. 2371.

———— *sarajevensis*. Kittl, E. 2371.

———— *subconcentricus*. Kittl, E.
2371.

———— *subcutiformis*. Kittl, E.
2371.

———— *trebevicianus*. Kittl, E.
2371.

PERISPINOTES [Cephalopoda].

———— *intercedens*. Ilovaisky, D.
2347.

PERNA [Pelecypoda].

———— *casalensis*. Scalia, S. 2575.

PHACOIDES [Pelecypoda].

———— *actinus*. Dall, W. H. 2209.

———— *calhounensis*. Dall, W. H.
2209.

PHACOIDES [Pelecypoda].

———— *chipolanna*. Dall, W. H.
2209.

———— *domingensis*. Dall, W. H.
2209.

———— *glenni*. Dall, W. H. 2209.

———— *hamatus*. Dall, W. H. 2209.

———— *heracleus*. Dall, W. H. 2209.

———— *intensus*. Dall, W. H. 2209.

———— *ocalanus*. Dall, W. H. 2209.

———— *piluliformis*. Dall, W. H.
2209.

———— *podagrinus*. Dall, W. H.
2209.

———— *prunus*. Dall, W. H. 2209.

———— *quadriristatus*. Dall, W. H.
2209.

———— *recurrens*. Dall, W. H. 2209.

———— *sphaeriolus*. Dall, W. H.
2209.

———— *tilhonis*. Dall, W. H. 2209.

———— *tuomeyi*. Dall, W. H. 2209.

———— *uaccamaensis*. Dall, W. H.
2209.

———— *uacissanus*. Dall, W. H.
2209.

PHYLLOCERAS [Cephalopoda].

———— *böckhi*. Prinz, G. 2535.

———— *borni*. Prinz, G. 2535.

———— *frechi*. Prinz, G. 2535.

———— *gajárii*. Prinz, G. 2535.

———— *hintzai*. Prinz, G. 2535.

———— *lőczyi*. Prinz, G. 2535.

———— *lőrentheii*. Prinz, G. 2535.

———— *perplanum*. Prinz, G. 2535.

———— *semseyi*. Prinz, G. 2535.

———— *szabó*. Prinz, G. 2535.

———— *trilabiatum*. Prinz, G. 2535.

PISIDIUM [Pelecypoda].

———— *costatum*. Sterki, V. 2667.

PITARIA [Pelecypoda].

———— *calcarena*. Dall, W. H.
2209.

———— *filosina*. Dall, W. H. 2209.

———— *floridana*. Dall, W. H.
2209.

———— *hillii*. Dall, W. H. 2209.

———— *opisthogammata*. Dall,
W. H. 2209.

PLACENTICERAS [Cephalopoda].

———— *crassatum*. Hyatt, A. 2346.

———— *depressum*. Hyatt, A. 2346.

———— *grossoutrei*. Hyatt, A.
2346.

———— *incisum*. Hyatt, A. 2346.

———— *kaffrarium*. Etheridge, R.,
jun. 2251.

———— *newberryi*. Hyatt, A. 2346.

PLACENTICERAS [Cephalopoda].

- *planum*. Hyatt, A. 2346.
 ——— *pseudorbignyanum*. Hyatt, A. 2346.
 ——— *sancarlosense*. Hyatt, A. 2346.
 ——— *schlüteri*. Hyatt, A. 2346.
 ——— *spillmani*. Hyatt, A. 2346.
 ——— *stantoni*. Hyatt, A. 2346.
 ——— *umkwelanensis*. Etheridge, R., jun. 2251.
 ——— *whitfieldi*. Hyatt, A. 2346.

PLATYGRAPHOCERAS [Cephalopoda].

- *carbatinum*. Buckman, S. S. 2150.
 ——— ? *compactum* n. nom. Buckman, S. S. 2150.
 ——— *latum*. Buckman, S. S. 2150.

PLETHOMYTILUS [Pelecypoda].

- *cuneatus*. Kindle, E. M. and Breger, C. L. 2370.

PLEURONATILUS [Cephalopoda].

- *pulcher*. Crick, G. C. 2204.

Pleurophorella n. gen. [Pelecypoda].
Girty, G. H. 2295.

- *papillosa*. Girty, G. H. 2295.

PLEUROTOMA [Gastropoda].

- *calvertensis*. Martin, G. C. 2441.
 ——— *camerunensis*. Oppenheim, P. 2491.
 ——— *choptankensis*. Martin, G. C. 2441.
 ——— *communis* var. *protocommunis* n. var. Martin, G. C. 2441.
 ——— *granti*. Pritchard, G. B. 2536.
 ——— *murrayana*. Pritchard, G. B. 2536.
 ——— *selwyni*. Pritchard, G. B. 2536.
 ——— *selwyni* var. *laevis* n. var. Pritchard, G. B. 2536.
 ——— *icuriana*. Oppenheim, P. 2491.

PLEUROTOMARIA [Gastropoda].

- *eloroidea*. Kindle, E. M. and Breger, C. L. 2370.
 ——— *weissermeli*. Wollemaann, A. 2744.

PLEYDELLIA [Cephalopoda].

- *comata*. Buckman, S. S. 2150.

POROMYA [Pelecypoda].

- *jamaicensis*. Dall, W. H. 2209.

POSIDONIELLA [Pelecypoda].

- *sulcata*. Hind, W. 2328.

PROMATHILDIA [Gastropoda].

- ? *permiana*. Kittl, E. 2371.

Promyalina n. gen. [Pelecypoda].
Kittl, E. 2371.

- *hindi*. Kittl, E. 2371.

PROSPONDYLUS [Pelecypoda].

- *crassus*. Broili, F. 2131.
 ——— *palliatu*s. Broili, F. 2131.
 ——— *zimmermanni*. Broili, F. 2131.

PROTENGONOCERAS [Cephalopoda].

- *planum*. Hyatt, A. 2346.

PROTOCOLDIUM [Pelecypoda].

- *hillanum* var. *umkwelanensis* n. var. Etheridge, R., jun. 2251.

PROTORCULA [Gastropoda].

- *bosniaca*. Kittl, E. 2371.
 ——— *lissotropis*. Picard, E. 2520.
 ——— *punctata*. Picard, E. 2520.

PROTOTHACA [Pelecypoda].

- *grevingkii*. Dall, W. H. 2213.

PSAMMOBIA [Pelecypoda].

- *gubernatoria*. Glenn, L. C. 2296.

Pseudaspidoceras n. gen. [Cephalopoda].
Hyatt, A. 2346.**Pseudocucullaea** n. gen. [Pelecypoda].
Solger, F. 2642.

- *incisa*. Solger, F. 2642.
 ——— *lens*. Solger, F. 2642.
 ——— *obliqua*. Solger, F. 2642.

PSEUDOGRAPHOCERAS [Cephalopoda].

- *obesum*. Buckman, S. S. 2150.
 ——— *pedicum* n. nom. Buckman, S. S. 2150.
 ——— *regale*. Buckman, S. S. 2150.

PSEUDOGRAPHOCERAS [Cephalopoda].

- ? *cariniferum*. Buckman, S. S. 2150.
 ——— *deletum*. Buckman, S. S. 2150.
 ——— *limatum*. Buckman, S. S. 2150.
 ——— *litteratum*. Buckman, S. S. 2150.

- PSEUDOLIOCEPHALUS** [Cephalopoda].
 ——— *dumortieri* n. nom. Buckman, S. S. 2150.
 ——— *gradatum* n. nom. Buckman, S. S. 2150.
- PSEUDOLIVA** [Gastropoda].
 ——— *coniformis*. Oppenheim, P. 2491.
 ——— *sachi*. Oppenheim, P. 2491.
 ——— *schuettgeni*. Oppenheim, P. 2491.
- PSEUDOTISSOTIA** [Cephalopoda].
 ——— *philippii*. Solger, F. 2643.
 ——— *seguis*. Solger, F. 2641.
 ——— ? *tunisiensis*. Hyatt, A. 2346.
- PTERODONTE** [Pelecypoda].
 ——— *carbonaria*. Hind, W. 2328.
 ——— *pustulosus*. Hind, W. 2328.
- PULCHELLIA** [Cephalopoda].
 ——— *nichlesi*. Hyatt, A. 2346.
- PYRULA** [Gastropoda].
 ——— *harrisi*. Martin, G. C. 2441.
- RAPANA** [Gastropoda].
 ——— *gracillima*. Wollema, A. 2744.
- RETUSA** [Gastropoda].
 ——— *marylandica*. Martin, G. C. 2441.
- RETUSELLA** [Cephalopoda].
 ——— *inops*. Buckman, S. S. 2150.
 ——— *juncta*. Buckman, S. S. 2150.
 ——— ? *lineata*. Buckman, S. S. 2150.
 ——— ? *rodburgensis*. Buckman, S. S. 2150.
- RETUSELLA** [Cephalopoda].
 ——— *amoena*. Buckman, S. S. 2150.
 ——— *benigna*. Buckman, S. S. 2150.
 ——— *furcillata*. Buckman, S. S. 2150.
- RHABDOCONCHA** [Gastropoda].
 ——— *fritschii*. Picard, E. 2520.
- RHABDOCEPHALUS** n. gen. [Cephalopoda].
 ——— *tortum*. Buckman, S. S. 2150.
- RHOPALIDUS** n. gen. [Gastropoda].
 ——— *Grabau*, A. W. 2301.
 ——— *clavelloides*. Grabau, A. W. 2301.
 ——— *rugoides*. Grabau, A. W. 2301.
 ——— *tuberculoides*. Grabau, A. W. 2301.
- RUSSIA** [Gastropoda].
 ——— *marylandica*. Martin, G. C. 2441.
- ROMEROCEPHALUS** [Cephalopoda].
 ——— *gubbi*. Hyatt, A. 2346.
 ——— *subplanum*. Hyatt, A. 2346.
- SANQUINOLITES** [Pelecypoda].
 ——— *bellerophonium*. Kittl, E. 2371.
 ——— *monensis*. Hind, W. 2328.
- SAXIDOMUS** [Pelecypoda].
 ——— *popofonus*. Dall, W. H. 2213.
- SCALA** [Gastropoda].
 ——— *calvertensis*. Martin, G. C. 2441.
 ——— *marylandica*. Martin, G. C. 2441.
 ——— *prunicola*. Martin, G. C. 2441.
 ——— *reticulata*. Martin, G. C. 2441.
- SCHLOENBACHIA** [Cephalopoda].
 ——— *scas*. Laswits, R. 2402.
 ——— *frechi*. Laswits, R. 2402.
 ——— *kiliani*. Laswits, R. 2402.
 ——— *quattuornodosa*. Laswits, R. 2402.
 ——— *roemeri*. Laswits, R. 2402.
- SCHLUTERIOCEPHALUS** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
- SHARPELOCEPHALUS** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
- SIPHONALIA** [Gastropoda].
 ——— ? *calvertana*. Martin, G. C. 2441.
 ——— *marylandica*. Martin, G. C. 2441.
- SONNERATIA** [Cephalopoda].
 ——— *supani*. Laswits, R. 2402.
- SPATHELLA** [Pelecypoda].
 ——— *tumida*. n. nom. Hind, W. 2328.

SPHAERULITES [Pelecypoda].
 ——— *dobrudschensis*. Toula, F. 2690.

SPHENIOPSIS [Pelecypoda].
 ——— *americana*. Dall, W. H. 2209.

SPHENODISCUS [Cephalopoda].
 ——— *beecheri*. Hyatt, A. 2346.
 ——— *konincki*. Hyatt, A. 2346.
 ——— *stantoni*. Hyatt, A. 2346.

SPIRULIROSTRA [Cephalopoda].
 ——— *szajnochae*. Wójcik, K. 2740.

SPISULA [Pelecypoda].
 ——— *callistaeformis*. Dall, W. H. 2213.
 ——— *chesapeakeensis*. Glenn, L. C. 2296.

SPORTELLA [Pelecypoda].
 ——— *patuxentia*. Glenn, L. C. 2296.
 ——— *recessa*. Glenn, L. C. 2296.

Stokela n. gen. [Cephalopoda].
 ——— Buckman, S. S. 2150.
 ——— *marmorea*. Buckman, S. S. 2150.
 ——— *subacuta*. Buckman, S. S. 2150.

STREBLOPTERIA [Pelecypoda].
 ——— *concentrica*. Hind, W. 2328.

Streptomytilus n. gen. [Pelecypoda].
 ——— Kindle, E. M. & Breger, C. L. 2370.
 ——— *wabashensis*. Kindle, E. M. & Breger, C. L. 2370.

STYLIOLA [Gastropoda].
 ——— *fissurella* var. *multistriata* n. var. Chapman, F. 2174.

Styracoceras n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.

Subpulchellia n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
 ——— *castellanensis*. Hyatt, A. 2346.

Subtissotia n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
 ——— *peroni*. Hyatt, A. 2346.

SUROULA [Gastropoda].
 ——— *mariana*. Martin, G. C. 2441.

Sycum [Gastropoda].
 ——— *bulbiforme*. Oppenheim, P. 2491.

SYMOLA [Gastropoda].
 ——— *africana*. Oppenheim, P. 2491.

TAPES [Pelecypoda].
 ——— *vetuloides*. Michailovskij, G. P. 2460.

Tectospira n. gen. [Gastropoda].
 ——— Picard, E. 2520.
 ——— *chopi*. Picard, E. 2520.

TECTURA [Gastropoda].
 ——— *pissaroi*. Peyrot. 2516.

Tegoceras n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.

TEINOSTOMA [Gastropoda].
 ——— *calvertense*. Martin, G. C. 2441.
 ——— *greensboroense*. Martin, G. C. 2441.

TEMNOTROPIS [Gastropoda].
 ——— *eredneri*. Picard, E. 2520.

TENTACULITES.
 ——— *baini*. Reed, F. R. C. 2546.
 ——— *matlockensis*. Chapman, F. 2174.

TEREBRA [Gastropoda].
 ——— *curvilineata* var. *calvertensis* n. var. Martin, G. C. 2441.
 ——— *curvilineata* var. *dalli* n. var. Martin, G. C. 2441.
 ——— *curvilineata* var. *whitfieldi* n. var. Martin, G. C. 2441.
 ——— *patuxentia*. Martin, G. C. 2441.

Tetragonites n. gen. [Cephalopoda].
 ——— Kittl, E. 2371.
 ——— *grimmeri*. Kittl, E. 2371.

THECODONTA [Pelecypoda].
 ——— *calvertensis*. Glenn, L. C. 2296.

THRACIA [Pelecypoda].
 ——— *icuriana*. Oppenheim, P. 2491.

Tissotia [Cephalopoda].
 ——— *globosa*. Hyatt, A. 2346.
 ——— *latelobata*. Solger, F. 2643.
 ——— *polygona*. Solger, F. 2643.

TIVELA [Pelecypoda].
 ——— *jamaicensis*. Dall, W. H. 2209.

TMETOCERAS [Cephalopoda].
 ——— *katzeri*. Beck, H. 2102.

Tolypeceras n. gen. [Cephalopoda].
Hyatt, A. 2346.

Toxolioceras [Cephalopoda].
_____ *incisum*. Buckman, S. S.
2150.

_____ *mundum*. Buckman, S. S.
2150.

_____ *tenerum*. Buckman, S. S.
2150.

Trachyceras [Cephalopoda].
_____ *hyatti*. Smith, J. P. 2639.
_____ *shastense*. Smith, J. P.
2639.

Transennella [Pelecypoda].
_____ *callosana*. Dall, W. H.
2209.

_____ *carolinensis*. Dall, W. H.
2209.

_____ *chipolana*. Dall, W. H.
2209.

_____ *santarosana*. Dall, W. H.
2209.

_____ *utica*. Dall, W. H. 2209.

Trigonia [Pelecypoda].
_____ *glaciana*. Sturm, F. 2677.
_____ *umkwelanensis*. Etheridge,
R., jun. 2251.

Trimeroceras [Cephalopoda].
_____ *gilberti*. Kindle, E. M. &
Breger, C. L. 2370.

Trochita [Gastropoda].
_____ *alaskana*. Dall, W. H.
2213.

Trochotoma [Gastropoda].
_____ *di-stefanoi*. Scalia, S. 2575.

Trochus [Gastropoda].
_____ *lüneburgensis*. Wollemaann,
A. 2745.

Trophon [Gastropoda].
_____ *chesapeakeanus*. Martin,
G. C. 2441.
_____ *liassicum*. Scalia, S. 2575.
_____ *tetricus* var. *laevis* n. var.
Martin, G. C. 2441.

Tropidocyclas n. subgen. [Pelecypoda].
Dall, W. H. 2210.

Tropites [Cephalopoda].
_____ *dilleri*. Smith, J. P. 2639.

Trypanostylus [Gastropoda].
_____ *cylindricus*. Picard, E.
2520.
_____ *rectilineatus*. Picard, E.
2520.

Tudiola [Gastropoda].
_____ *beushauseni*. Wollemaann,
A. 2743.
_____ *subcarinata*. Sturm, F.
2677.

Turbo [Gastropoda].
_____ *hamiltonensis*. Pritchard,
G. B. 2536.

Turbonilla [Gastropoda].
_____ *gubernatoria*. Martin, G. C.
2441.

Turrilites [Cephalopoda].
_____ *peramplus*. Lesswitz, R.
2402.

_____ *wyegorakii*. Lesswitz, R.
2402.

Turritella [Gastropoda].
_____ *bicostata*. Ilovalsky, D.
2347.

_____ *divisa*. Ilovalsky, D. 2347.

_____ *eschi*. Oppenheim, P. 2491.

_____ *josephii*. Scalia, S. 2575.

_____ ? *koeneni*. Picard, E. 2520.

_____ *liscaviensis*. Picard, E.
2520.

_____ ? *polithica*. Picard, E. 2520.

_____ *sokolovi*. Michailovskij,
G. P. 2460.

_____ *striata*. Picard, E. 2520.

Undularia [Gastropoda].
_____ *concava*. Picard, E. 2520.
_____ *dux*. Picard, E. 2520.
_____ *tenuicarinata*. Picard, E.
2520.

Vaeckia [Cephalopoda].
_____ *stephensi*. Buckman, S. S.
2150.

Venericardia [Pelecypoda].
_____ *acaris*. Dall, W. H. 2209.
_____ *bullae*. Dall, W. H. 2209.
_____ *californica*. Dall, W. H.
2209.

_____ *carsonensis*. Dall, W. H.
2209.

_____ *castrana*. Glenn, L. C.
2296.

_____ *greggiana*. Dall, W. H.
2209.

_____ *hadra*. Dall, W. H. 2209.

_____ *himerta*. Dall, W. H. 2209.

_____ *nasuta*. Dall, W. H. 2209.

_____ *praecisa*. Dall, W. H. 2209.

_____ *scitula*. Dall, W. H. 2209.

_____ *simplex*. Dall, W. H. 2209.

_____ *tellia*. Dall, W. H. 2209.

_____ *ricksburgiana*. Dall, W. H.
2209.

_____ *wilcoxensis*. Dall, W. H.
2209.

VENUS [Pelecypoda].

- _____ *sudetica*. Sturm, F. 2677.
 _____ *ukrainica*. Michailovskij,
 G. P. 2460.

VERTICORDIA [Pelecypoda].

- _____ *bouddenensis*. Dall, W. H.
 2209.
 _____ *cossmanni*. Dall, W. H.
 2209.
 _____ *jamaicensis*. Dall, W. H.
 2209.

VOLVULA [Gastropoda].

- _____ *iota* var. *calverta* n. var.
 Martin, G. C. 2441.
 _____ *iota* var. *diminuta* n. var.
 Martin, G. C. 2441.
 _____ *iota* var. *marylandica* n. var.
 Martin, G. C. 2441.
 _____ *iota* var. *putuxentia* n. var.
 Martin, G. C. 2441.

WALKERIA [Cephalopoda].

- _____ *delicata*. Buckman, S. S.
 2150.

WHITELLA [Pelecypoda].

- _____ ? *siluriana*. Kindle, E. M.
 & Breger, C. L. 2370.

WILTSHIREIA n. gen. [Cephalopoda].

Buckman, S. S. 2150.

WORTHENIA [Gastropoda].

- _____ *dyadica*. Kittl, E. 2371.
 _____ *elator*. Picard, E. 2520.
 _____ *fritschi*. Picard, E. 2520.
 _____ *laevis*. Picard, E. 2520.

YOLDIA [Pelecypoda].

- _____ *breueri*. Dall, W. H. 2213.
 _____ *emersonii*. Dall, W. H.
 2213.
 _____ *palachei*. Dall, W. H.
 2213.

2431 ARTHROPODA.

ARCHOBLATTINA n. nom. [Orthopteroidea].

Sellards, E. H. 2611.

CYCLONOTUM [Coleoptera].

- _____ *muelleri*. Meunier, F.
 2454.

ETOBLATTINA [Orthopteroidea].

- _____ *coriacea*. Sellards, E. H.
 2613.
 _____ *juvensis*. Sellards, E. H.
 2613.

GERABLATTINA [Orthopteroidea].

- _____ *arcuata*. Sellards, E. H.
 2613.

MYLAORIS [Orthopteroidea].

- _____ *anceps*. Sellards, E. H.
 2613.

PALAEONTINA [Hemipteroidea].

- _____ *tidali*. Meunier, F. 2456.

SCHIZOBLATTINA n. gen. [Orthopteroidea].

- Sellards, E. H. 2613.
 _____ *multinervia*. Sellards, E. H.
 2613.

STENOPTERA n. gen. [Dipteroidea].

- Meunier, F. 2455.
 _____ *mufferi*. Meunier, F. 2455.

2631 CRUSTACEA.

AECMINA [Ostracoda].

- _____ *jonesi*. Chapman, F. 2174.

APTYCHOPSIS [Phyllocarida].

- _____ *victoriae*. Chapman, F.
 2174.

ARCHAEOLEPAS [Cirripedia].

- _____ *neptunus*. Scalia, S. 2575.

CANCER [Decapoda].

- _____ *frasi*. Lörenthey, I. 2409.
 _____ *bittneri*. Toulou, F. 2691.

CERATIOCARIS [Phyllocarida].

- _____ *pritchardi*. Chapman, F.
 2174.

CYPRIDINA [Ostracoda].

- _____ *antiqua*. Jones, T. R.
 2360.

CYTHERE [Ostracoda].

- _____ *burnsi*. Ulrich, E. O. &
 Bassler, R. S. 2703.
 _____ *calverti*. Ulrich, E. O. &
 Bassler, R. S. 2703.
 _____ *clarkana*. Ulrich, E. O. &
 Bassler, R. S. 2703.
 _____ *clarkana* var. *minuscule*
 n. var. Ulrich, E. O. &
 Bassler, R. S. 2703.
 _____ *corrosa* var. *grossipunctata*
 n. var. Chapman, F.
 2172.
 _____ *dorsicornis*, Ulrich, E. O.
 & Bassler, R. S. 2703.
 _____ var. *bicornis*
 n. var. Ulrich, E. O. &
 Bassler, R. S. 2703.
 _____ *drupacea* var. *fortior* n. var.
 Chapman, F. 2172.
 _____ *evax*. Ulrich, E. O. &
 Bassler, R. S. 2703.
 _____ *evax* var. *oblongula* n. var.
 Ulrich, E. O. & Bassler,
 R. S. 2703.
 _____ *exanthemata*. Ulrich, E. O.
 & Bassler, R. S. 2703.

CYTHERE [Ostracoda].

- *franciscoa*. Ulrich, E. O. & Bassler, R. S. 2703.
- *inaequivalvis*. Ulrich, E. O. & Bassler, R. S. 2703.
- *lienenklausii*. Ulrich, E. O. & Bassler, R. S. 2703.
- *lobulata*. Chapman, F. 2172.
- *martini*. Ulrich, E. O. & Bassler, R. S. 2703.
- *micula*. Ulrich, E. O. & Bassler, R. S. 2703.
- *nitidula*. Ulrich, E. O. & Bassler, R. S. 2703.
- *nitidula* var. *calvertensis* n. var. Ulrich, E. O. & Bassler, R. S. 2703.
- *paucipunctata*. Ulrich, E. O. & Bassler, R. S. 2703.
- *planibasalis*. Ulrich, E. O. & Bassler, R. S. 2703.
- *plebeia*. Ulrich, E. O. & Bassler, R. S. 2703.
- *plebeia* var. *capax* n. var. Ulrich, E. O. & Bassler, R. S. 2703.
- *plebeia* var. *modica* n. var. Ulrich, E. O. & Bassler, R. S. 2703.
- *porcella*. Ulrich, E. O. & Bassler, R. S. 2703.
- *producta*. Ulrich, E. O. & Bassler, R. S. 2703.
- *punctistriata*. Ulrich, E. O. & Bassler, R. S. 2703.
- *rugipunctata*. Ulrich, E. O. & Bassler, R. S. 2703.
- *shattucki*. Ulrich, E. O. & Bassler, R. S. 2703.
- *spiniplicata*. Ulrich, E. O. & Bassler, R. S. 2703.
- *suboralis*. Ulrich, E. O. & Bassler, R. S. 2703.
- *tuomeyi*. Ulrich, E. O. & Bassler, R. S. 2703.
- *vaughani*. Ulrich, E. O. & Bassler, R. S. 2703.

CYTHEREIS [Ostracoda].

- *alaris*. Ulrich, E. O. & Bassler, R. S. 2703.
- *cornuta* var. *americana* n. var. Ulrich, E. O. & Bassler, R. S. 2703.

CYTHERIDEA [Ostracoda].

- ? *chesapeakensis*. Ulrich, E. O. & Bassler, R. S. 2703.

CYTHERIDEA [Ostracoda].

- *longicaudata*. Chapman, F. 2171.
- *subovata*. Ulrich, E. O. & Bassler, R. S. 2703.

CYTHERIDEIS [Ostracoda].

- *ashermanni*. Ulrich, E. O. & Bassler, R. S. 2703.
- *cylindrica*. Ulrich, E. O. & Bassler, R. S. 2703.
- *longula*. Ulrich, E. O. & Bassler, R. S. 2703.
- *semicircularia*. Ulrich, E. O. & Bassler, R. S. 2703.
- *subaequalis*. Ulrich, E. O. & Bassler, R. S. 2703.

CYTHEROPTERON [Ostracoda].

- *australiense*. Chapman, F. 2172.
- *elongato-concentrum*. Chapman, F. 2171.
- *nodosum*. Ulrich, E. O. & Bassler, R. S. 2703.

DITHYROCARIS [Phyllocarida].

- *praecox*. Chapman, F. 2174.

ENTOMIS [Ostracoda].

- *prosephina*. Loomis, F. B. 2418.

HEPATINULUS [Decapoda].

- *iovisatoi*. Lörenthey, I. 2409.

LAMBROPSIS n. gen. Lörenthey, I. 2409.

- *wanneri*. Lörenthey, I. 2409.

LOXOCONCHA [Ostracoda].

- *elongata*. Chapman, F. 2172.
- *jurassica*. Chapman, F. 2172.

MACROCYPRIIS [Ostracoda].

- *flexuosa*. Chapman, F. 2174.

MACROPTALMUS [Decapoda].

- *granulosus*. Man, J. G. de. 2437.

METOPOXANTHO n. gen. [Decapoda]. Man, J. G. de. 2437.

- *martini*. Man, J. G. de. 2437.

MICROCYSTES n. gen. [Decapoda]. Lörenthey, I. 2409.

- *latifrons*. Lörenthey, I. 2409.

MICROMAJA [Decapoda].

- *laevis*. Lörenthey, I. 2409.

- PAGURUS** [Decapoda].
 ——— *mezi*. Lörenthey, I. 2409.
- Paradoxorhyncha** n. gen. [Ostracoda].
 ——— Chapman, F. 2172.
 ——— *foveolata*. Chapman, F. 2172.
- PLAGIOLOPHUS** [Decapoda].
 ——— *markgrafi*. Lörenthey, I. 2409.
- PRIMITIA** [Ostracoda].
 ——— *halli*. Chapman, F. 2174.
 ——— *semicultrata*. Chapman, F. 2174.
- SCALPELLUM** [Cirripedia].
 ——— *cristallinum*. Scalia, S. 2575.
- TYPILOBUS** [Decapoda].
 ——— *trispinosus*. Lörenthey, I. 2409.
- XESTOLEBERIS** [Ostracoda].
 ——— *holliana*. Chapman, F. 2174.
 ——— *lilydalensis*. Chapman, F. 2174.
 ——— *wrightii* var. *oblonga* n. var. Chapman, F. 2174.

2831 XIPHOSURA, EURIPTERIDA, TRILOBITA.

- AGNOSTUS** [Trilobita].
 ——— *gibbus* var. *schiotzii* n. var. Brogger, W. C. 2129.
 ——— *kocerferi*. Monke, H. 2462.
- BRONTEOPSIS** [Trilobita].
 ——— *ardmillanensis*. Reed, F. R. C. 2548.
- BRONTEUS** [Trilobita].
 ——— *craigensis*. Reed, F. R. C. 2548.
 ——— *grayi*. Reed, F. R. C. 2548.
- DALMANITES** [Trilobita].
 ——— *lunatus*. Lake, P. 2391.
- DREPANURA** [Trilobita].
 ——— *ketteleri*. Monke, H. 2462.
- ENCRINURUS** [Trilobita].
 ——— *indianensis*. Kindle, E. M. & Breger, C. L. 2370.
- EURYPTERUS** [Eurypterida].
 ——— *pittsfordensis*. Searle, C. J. 2602.
- HOMALONOTUS** [Trilobita].
 ——— *colossus*. Lake, P. 2391.
 ——— *quernus*. Lake, P. 2391.

- Hughmilleria** n. gen. [Eurypterida].
 ——— Searle, C. J. 2602.
 ——— *socialis*. Searle, C. J. 2602.
 ——— *socialis* var. *robusta* n. var. Searle, C. J. 2602.

- ILLAENUS** [Trilobita].
 ——— *balclatchiensis*. Reed, F. R. C. 2548.
 ——— *extensus*. Reed, F. R. C. 2548.
 ——— *shallochensis*. Reed, F. R. C. 2548.

- Linostracina** n. gen. [Trilobita].
 ——— Monke, H. 2462.
 ——— *krausei*. Monke, H. 2462.

- PHACOPS** [Trilobita].
 ——— *arbutus*. Lake, P. 2391.
 ——— *brevissimus*. Drevermann, F. 2231.
 ——— *ocellus*. Lake, P. 2391.
 ——— *impressus*. Lake, P. 2391.
 ——— *lotzi*. Drevermann, F. 2231.
 ——— *miserrimus*. Drevermann, F. 2231.
 ——— *pupillus*. Lake, P. 2391.
 ——— *robertsi*. Reed, F. R. C. 2547.
 ——— *sulcatus*. Drevermann, F. 2231.

- PHILLIPSIA** [Trilobita].
 ——— *bittneri*. Kittl, E. 2371.

- PRESTWICHIA** [Xiphosura].
 ——— *signata*. Beecher, C. E. 2103.

- PROETUS** [Trilobita].
 ——— ? *carintiacus*. Drevermann, F. 2231.
 ——— ? *dillensis*. Drevermann, F. 2231.
 ——— *malacus*. Lake, P. 2391.
 ——— *pseudo-latifrons*. Reed, F. R. C. 2548.

- PTERYGOTUS** [Eurypterida].
 ——— *monroensis*. Searle, C. J. 2602.

- Stephanocare** n. gen. [Trilobita].
 ——— Monke, H. 2462.
 ——— *richthofeni*. Monke, H. 2462.

- Teinistion** n. gen. [Trilobita].
 ——— Monke, H. 2462.
 ——— *lansi*. Monke, H. 2462.
 ——— *sodeni*. Monke, H. 2462.

3081 ARACHNIDA.

EOSCORPIUS [Scorpiones].

———— *sparthensis*. Baldwin, W. &
Sutcliffe, W. H. 2092 and
2093.

5431 PISCES.

AOANTHIAS [Selachii].

———— *geelongensis*. Chapman, F.
& Pritchard, G. B. 2175.

BOTHRIOLEPIS [Arthrodira].

———— *coloradensis*. Eastman, C. R.
2239.

CARANX [Actinopterygii].

———— *petrodavas*. Simionescu, J.
2635.

CAROHARIAS [Selachii].

———— *collata*. Eastman, C. R.
2242.

———— *incidens*. Eastman, C. R.
2242.

CAROHARODON [Selachii].

———— *humilis*. Koch, A. 2379.

CESTRACION [Selachii].

———— *cainozoicus*. Chapman, F. &
Pritchard, G. B. 2175.

COELACANTHUS [Crossopterygii].

———— *summiti*. Wellburn, E. D.
2726.

DIPLOMYSTUS [Actinopterygii].

———— *marmorensis*. Woodward,
A. S. 2756.

EDESTUS [Selachii].

———— *triserratus*. Newton, E. T.
2471.

ELONICHTHYS [Actinopterygii].

———— *ornatus*. Wellburn, E. D.
2726.

ELOPOPSIS [Actinopterygii].

———— *smith-woodwardi*. Bayer, F.
2101.

Fajumia n. gen. [Actinopterygii].
Stromer, E. 2673.

———— *schweinfurthi*. Stromer, E.
2673.

GADUS [Actinopterygii].

———— *pannonicus*. Koch, A. 2378.

GALEOCERDO [Selachii].

———— *triqueter*. Eastman, C. R.
2242.

Gobius [Actinopterygii].

———— *elongatus*. Simionescu, J.
2635.

Gyracanthides n. gen. [Acanthodii].
Woodward, A. S. 2751.

HOPLOPTERYX [Actinopterygii].

———— *brevia*. Bayer, F. 2101.

ISCHYODUS [Chimaeroidei].

———— *bohemicus*. Bayer, F. 2101.

Krambergeria n. gen. [Actinopterygii].
Simionescu, J. 2635.

———— *lanceolata*. Simionescu, J.
2635.

LAMNA [Selachii].

———— *macrura* var. *hungarica* n.
var. Koch, A. 2379.

LATES [Actinopterygii].

———— *pliocenus*. Koch, A. 2378.

MYLIOBATIS [Selachii].

———— *frangens*. Eastman, C. R.
2242.

NOTIDANUS [Selachii].

———— *diffusidens* n. form. Koch, A.
2380.

———— *jenningsi*. Chapman, F. &
Pritchard, G. B. 2175.

OTOLITHUS.

———— *coffea*. Wollemaann, A. 2744.

Parelops n. gen. [Actinopterygii].
Bayer, F. 2101.

———— *prazakii*. Bayer, F. 2101.

RHADINICHTHYS [Actinopterygii].

———— *elegans*. Wellburn, E. D.
E. D. 2726.

RHYNOCHODUS [Chimaeroidei].

———— *pertenuis*. Eastman, C. R.
2240.

Schizospondylus n. gen. [Actinopterygii].
Bayer, F. 2101.

———— *dubius*. Bayer, F. 2101.

SERRANUS [Actinopterygii].

———— *cretaceus*. Bayer, F. 2101.

Socnopaea n. gen. [Actinopterygii].
Stromer, E. 2673.

———— *grandis*. Stromer, E. 2673.

SPHYRAENODUS [Actinopterygii].

———— *hexagonalis*. Koch, A. 2378.

SQUATINA [Selachii].

———— *occidentalis*. Eastman, C. R.
2242.

SYNGNATHUS [Actinopterygii].

———— *cosmoricii*. Simionescu, J.
2635.

- TACHYNEOTES** [Actinopterygii].
 ——— *vinarensis*. Bayer, F. 2101.
TORPEDO [Selachii].
 ——— *hilgendorfi*. Jackel, O. 2353.

5631 REPTILIA AND BATRACHIA.

- Algosaurus** n. gen. [Dinosauria].
 Broom, R. 2146.
 ——— *bauri*. Broom, R. 2146.
Aphaneramma n. gen. [Stegocephalia].
 Woodward, A. S. 2754.
 ——— *rostratum*. Woodward, A. S. 2754.
ASPIDERETES [Chelonia].
 ——— *beecheri*. Hay, O. P. 2323.
Aspidosaurus n. gen. [Stegocephalia].
 Broili, F. 2132.
 ——— *chiton*. Broili, F. 2132.
BAENA [Chelonia].
 ——— *callosa*. Hay, O. P. 2322.
 ——— *cephalica*. Hay, O. P. 2323.
 ——— *hatcheri*. Hay, O. P. 2321.
 ——— *marshi*. Hay, O. P. 2323.
CAPITOSAURUS [Stegocephalia].
 ——— *stantonensis*. Woodward, A. S. 2754.
Cardiocephalus n. gen. [Stegocephalia].
 Broili, F. 2132.
 ——— *sternbergi*. Broili, F. 2132.
CHRYSEMYS [Chelonia].
 ——— *inornata*. Loomis, F. B. 2419.
CLEMMYS [Chelonia].
 ——— *guntiana*. Roger, O. 2561.
CROCODILUS [Crocodilia].
 ——— *prenasalis*. Loomis, F. B. 2419.
CYCLOTOSAURUS [Stegocephalia].
 ——— *albertyni*. Broom, R. 2143.
DIPLOCAULUS [Stegocephalia].
 ——— *copei*. Broili, F. 2132.
 ——— *pusillus*. Broili, F. 2132.
GAFSACHELYS [Chelonia].
 ——— *phosphatica*. Stefano (De), G. 2660.
Gephyrostegus n. gen. Jaekel, O. 2350.
 ——— *bohemicus*. Jaekel, O. 2350.
Glanosuchus n. gen. [Anomodontia].
 Broom, R. 2134.
 ——— *macrops*. Broom, R. 2134.

- HADRIANUS** [Chelonia].
 ——— *majusculus*. Hay, O. P. 2323.
ICHTHYOSAURUS [Ichthyopterygia].
 ——— *extremus*. Boulenger, G. A. 2126.
METOPOSAURUS [Stegocephalia].
 ——— *fraasi*. Lucas, F. A. 2426.
Notochampsia n. gen. [Crocodilia].
 Broom, R. 2147.
 ——— *istedana*. Broom, R. 2147.
OPHISAURUS [Squamata].
 ——— *ulmensis*. Gerhard, K. 2290.
Opisthoctenodon n. gen. [Anomodontia].
 Broom, R. 2137.
 ——— *agilis*. Broom, R. 2137.
OSTEOPYGIS [Chelonia].
 ——— *gibbi*. Wieland, G. R. 2731.
OUDENODON [Anomodontia].
 ——— *megalorhinus*. Broom, R. 2144.
 ——— *trigoniceps*. Broom, R. 2138.
Placerias n. gen. [Anomodontia].
 Lucas, F. A. 2426.
 ——— *hesternus*. Lucas, F. A. 2426.
PLIOSAURUS [Sauropterygii].
 ——— ? *phosphaticus*. Stefano (De), G. 2660.
Pristerognathus n. gen. [Anomodontia].
 Broom, R. 2134.
 ——— *baini*. Broom, R. 2134.
Prodicynodon n. gen. [Anomodontia].
 Broom, R. 2137.
 ——— *pearstonensis*. Broom, R. 2137.
PROPLEURA [Chelonia].
 ——— *borealis*. Wieland, G. R. 2731.
Ptychocynodon n. gen. [Anomodontia].
 Seeley, H. G. 2604.
 ——— *pentangulatus*. Seeley, H. G. 2604.
PTYCHOGASTER [Chelonia].
 ——— *reinachi*. Roger, O. 2561.
Scapanodon n. gen. [Anomodontia].
 Broom, R. 2145.
 ——— *duplessisi*. Broom, R. 2145.
Seymouria n. gen. [Stegocephalia].
 Broili, F. 2132.
 ——— *baylorensis*. Broili, F. 2132.

STEGOMUS [Crocodilia].

——— *longipes*. Emerson, B. K. & Loomis, F. B. 2249.

Tamboeria n. gen. Seeley, H. G. 2605.
——— *maraisi*. Seeley, H. G. 2605.

TESTUDO [Chelonia].

——— *syrmienensis*. Koch, A. 2378.

Varanosaurus n. gen. [Stegocephalia].
Broili, F. 2132.

——— *acutirostris*. Broili, F. 2132.

5681 AVES.

Eremoperus n. gen. [Ratitae].
Andrews, C. W. 2077.

——— *eocaenus*. Andrews, C. W. 2077.

6031 MAMMALIA.**ARCHAEOPTEROPTES** [Chiroptera].

——— *transiens*. Meschinelli, L. 2453.

Geniohyus n. gen. [Ungulata].
Andrews, C. W. 2074.

——— *fajumensis*. Andrews, C. W. 2074.

——— *major*. Andrews, C. W. 2074.

——— *mirus*. Andrews, C. W. 2074.

HYOPSODUS [Primates].

——— *marshi*. Osborn, H. F. 2493.

——— *uintensis*. Osborn, H. F. 2493.

——— *wortmani*. Osborn, H. F. 2493.

LUTREOLA [Carnivora].

——— *macrodon*. Prentiss, D. W. 2529.

MEGALOHYRAX [Ungulata].

——— *minor*. Andrews, C. W. 2074.

Metacheiromys n. gen. [Primates].
Wortman, J. L. 2761.

——— *marshi*. Wortman, J. L. 2761.

MICROSYPUS [Primates].

——— *schlosseri*. Wortman, J. L. 2761.

MORRITHERIUM [Ungulata].

——— *trigodon*. Andrews, C. W. 2074.

NOTHAROTUS [Primates].

——— *venticolus*. Osborn, H. F. 2493.

Olbodotes n. gen. [Rodentia].
Osborn, H. F. 2493.

——— *coppi*. Osborn, H. F. 2493.

OMOMYS [Primates].

——— *ameghini*. Wortman, J. L. 2761.

PALAEOMASTODON [Ungulata].

——— *minor*. Andrews, C. W. 2074.

PRISODELPHINUS [Cetacea].

——— *crassangulum*. Case, E. C. 2165.

Protocetus n. gen. [Cetacea].
Fraas, E. 2272.

——— *atavus*. Fraas, E. 2272.

PTERODON [Carnivora].

——— *macrognathus*. Andrews, C. W. 2074.

RONZOTHERIUM [Ungulata].

——— *reichenauui*. Deninger, E. 2219.

SAGHATHERIUM [Ungulata].

——— *magnum*. Andrews, C. W. 2074.

Smilodectes n. gen. [Primates].
Wortman, J. L. 2761.

ZEUGLODON [Cetacea].

——— *isis*. Andrews, C. W. 2074.

PALAEOBOTANY.

A. STRATIGRAPHICAL CLASSIFICATION.

35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

35.5000 GENERAL PALAEOBOTANY.

Das Pflanzenreich. Regni vegetabilis conspectus. Im Auftrage der kgl. preuss. Akademie der Wissenschaften hrsg. v. A[dolf] Engler. H. 16-19. Leipzig (W. Engelmann), 1903, (20 + 66 + 12 + 326 + 124 + 149, mit 2 Karten). 26 cm. 18 M., 6,20 M., 7,60 M.

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RECENT.95.5000 GENERAL PALAEO-
BOTANY.

Bulman, G. W. The origin of the Bristol flora. Eastbourne, Trans. Nat. Hist. Soc., 3, 1900-1902, [1903], (319-327).

Schulz, A[ugust]. Ueber die Entwicklungsgeschichte der gegenwärtigen phanerogamen Flora und Pflanzendecke Schwedens. Berlin, Ber. D. bot. Ges., **22**, 1904, (133-143).

d **EUROPE.**

da **Scandinavia.**

Holmboe, Jens. Remains of plants in peat mosses in Norway. Contributions to the history of vegetation in Norway after the last glacial epoch. (Norw.) Kristiania, Skr. Vid. selsk., **1**, **2**, 1903, 1903, (227, with 5 pl. and 29 illustr.). [Mentions also animals.]

Holmboe, Jens. Studien über norwegische Torfmoore. Bot. Jahrb., Leipzig, **34**, 1904, (204-246).

Tolf, Rob[ert]. Examination of peat-mosses in Halland. (Swedish) Sv. Mosskult. Tidskr., Jönköping, **1902**, (103-124).

Warming, Eug. The history of the flora of the Færöes. [In: Botany of the Færöes based upon Danish investigations. Vol. II.] Copenhagen (Det Nordiske Forlag), 1903, (660-681). 26 cm,

de **German Empire.**

Weber, C. A. Ueber Litorina- und Prälitorinabildungen der Kieler Förde. Bot. Jahrb., Leipzig, **35**, 1904, (1-54).

dh **Italy.**

Peola, Paolo. Empreintes de végétaux dans les travertins des environs d'Aoste. Bulletin de la Société de la "Flore Valdôtaine," Aoste, No. 1, **1902**, (1-14).

di **Switzerland.**

Schulz, Aug. Entwicklungsgeschichte der gegenwärtigen phanerogamen Flora und Pflanzendecke der Schweiz. Bot. Centralbl., Jena, Beihefte, **17**, 1904, (157-194).

95.6000 MONOCOTYLEDONS.

d **EUROPE.**

da **Scandinavia.**

Hartz, N. On *Dulichium spathaceum*, Pers., a North American Cyperacea in Danish interglacial mosses. A preliminary report. (Danish) Kjöbenhavn, Medd. Geol., **10**, 1904, (13-22).

de **British Islands.**

Beld, Clement. *Najas marina* in the *Megaceros* marl of Lough Gur. Irish Nat., Dublin, **1904**, (162).

95.7400 ALGAE AND SCHIZOPHYCEAE.

g **NORTH AMERICA.**

gg **North Eastern United States.**

Hale, David J. et alii. Marl (bog lime) and its application to the manufacture of Portland cement. Michigan, Geol. Surv., Lansing, **8**, Part 3, 1903, (XI + 399, with 23 pls. and 43 figs.).

PALAEOBOTANY.

B BOTANICAL CLASSIFICATION.

5400 DICOTYLEDONS.

5400.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Aesculus arctica n. sp. **Knowlton**, F. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([147]–162, with pl.).

Betula nn. spp. **Winkler**, H. [In: Das Pflanzenreich . . . hrsg. v. A. Engler, H. 19 (IV. 61).] Leipzig, 1904, (1–149).

Carpinus nn. spp. **Winkler**, H. l.c.

Cinnamomum. **Staub**, M. Math.-natw. Ber. Ungarn, Leipzig, 19, (1901), 1904, (13–30).

Corylus nn. spp. **Knowlton**, F. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([147]–162, with pl.).

Hicoria magnifica n. sp. **Knowlton**, F. H. l.c.

Phyllites saundersi n. sp. **Knowlton**, F. H. l.c.

Pterospermites nn. spp. **Knowlton**, F. H. l.c.

Vaccinium alaskanum n. sp. **Knowlton**, F. H. l.c.

5400.75 CRETACEOUS.

Aralia. **Berry**, E. W. Bot. Gaz., Chicago, Ill., Univ. Chic., 36, 1903, (421–428).

Myrica cliffwoodensis n. sp. **Berry**, E. W. New York, N.Y., Bull. Torrey Bot. Cl., 31, 1904, (67–82, with 5 pl.).

Quercus eoprinoidea n. sp. **Berry**, E. W. l.c.

Viburnum matthewanense n. sp. **Berry**, E. W. l.c.

5400.80 CAENOZOIC.

Aralia. **Berry**, E. W. Bot. Gaz., Chicago, Ill., Univ. Chic., 36, 1903, (421–428).

5400.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Caesalpinia ovalifolia n. sp. **Hollick**, A. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (483–486, with pl.).

Ficus? *aplegatei* n. nom. (= *F. hesperia*). **Knowlton**, F. H. Washington, D.C., Proc. Biol. Soc., 15, 1902, (86).

Pieris scrobiculata n. sp. **Hollick**, A. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (483–486, with pl.).

Quercus lehmanni n. sp. **Hollick**, A. l.c.

Rhus milleri n. sp. **Hollick**, A. l.c.

Ulmus basicordata n. sp. **Hollick**, A. l.c.

6000 MONOCOTYLEDONS.

6000.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Palmoxylon nn. spp. Stenzel, K. G. W. Wien, Beitr. Pal. Geol. OestÜng., 16, 1904, (107-288, mit 22 Taf.).

6000.95 PLEISTOCENE AND RECENT.

Dulichium spathaceum. Hartz, N. Kjöbenhavn, Medd. Geol., 10, 1904, (13-22).

Najas marina. Rehd, Clement. Irish Nat., Dublin, 1904, (162).

6500 GYMNOSPERMS.

6500.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Picea harrimani n. sp. Knowlton, F. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([147]-162, with pl.).

Sequoia langsdorfii. Hartz, N. Kjöbenhavn, Medd. Geol., 9, 1903, (61-66).

6500.55 UPPER PALAEOZOIC.

Annularia. Ryba, F. Wien, Jahrb. Geol. RchsAnst., 53, 1904, (351-372).

Araucaria daintreei n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 16, 1904, (306-335, with 4 pls.).

Calamites. Ryba, F. Wien, Jahrb. Geol. RchsAnst., 53, 1904, (351-372).

Coniferites fritschii. Potonié, H. et Bernard, Ch. Flore Dévonienne de l'étage H. de Barrande. Leipzig, [1903], (68).

Stephanospermum. Oliver, F. W. London, Trans. Linn., Soc., Bot., 6, pt. 8, 1904, (361-400).

6500.70 JURASSIC.

Araucarioxylon lindleyi n. nom. Seward, A. C. Cat. Mesoz. Plants B. M., Jurass. II, 1904, (56).

Araucarites spp. Seward, A. C. l.c. (138).

Conites spp. Seward, A. C. l.c. (151).

Ctenis latifolia (Brongn., 1828—*Taeniopteris*). Seward, A. C. l.c. (115).

Cupressinoxylon barberi n. sp. Seward, A. C. l.c. (60).

Cycadeoidea (*Yatesia*) *gracilis* (Carr. 1870—*Yatesia*). Seward, A. C. l.c. (45).

Podozamites stonesfieldensis n. sp. Seward, A. C. l.c. (121).

Sequoia. Zeller, R. et Fliche, P. Paris, C.-R. Acad. sci., 137, 1903, (1020-1022).

Sphenozamites belli n. sp. Seward, A. C. Cat. Mesoz. Plants B. M., Jurass. II, 1904, (119).

Zamites megaphyllus (Phillips, 1871—*Palaeozamia*). Seward, A. C. l.c. (110).

6500.75 CRETACEOUS.

Cycadeoidea reichenbachiana. Ward, L. F. Amer. J. Sci., New Haven, Conn., (Ser. 4), 18, 1904, (40-52).

Pinus delicatulus n. sp. Berry, E. W. New York, N.Y., Bull. Torrey Bot. Cl., 81, 1901, (67-82, with 5 pl.).

Protophyllocladus n. gen., *P. polymorphus* n. comb. (= *Salisburia polymorpha* Lesq.), *P. lanceolatus* n. comb. (= *Thinnfeldia lanceolata* Knowlton). Berry, W. New York, N.Y., Bull. Torrey Bot. Cl., 80, 1903, (438-445).

6500.80 CAENOZOIC.

Cupressinoxylon hookeri n. sp. Arber, E. A. N. Geol. Mag., London, (Ser. 2) [5], 1, 1904, (7-11).

6500.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Protophyllocladus n. gen., *P. subintegrifolius* n. comb. (= *Phyllocladus*

subintegrifolius Lesq.), *P. lanceolatus* n. comb. (= *Thinnfeldia lanceolata* Knowlton), *P. polymorphus* n. comb. (= *Salisburia polymorpha* Lesq.). **Berry**, E. W. New York, N.Y., Bull. Torrey Bot. Cl., **30**, 1903, (438-445).

6500.90 **UPPER CAENOZOIC**
(**MIOCENE, PLIOCENE**).

Pinus. **Mogan**, L. Wien, SitzBer. Ak. Wiss., Abth. I, **112**, 1903, (829-840, mit 1 Taf.).

6600 **CYCADOFILICES.**

6600.55 **UPPER PALAEOZOIC.**

Neuropteris heterophylla. **Kidston**, R. London, Phil. Trans. R. Soc., **B 197**, 1904, (1-5, with pl.).

Aneimites (= *Adiantites*) *fertilis* n. sp. **White**, D. Washington, D.C., Smithsonian Inst. Misc. Collect. Q., **47**, 1904, (322-331 + 2 l. with pl.). Separate. 24.5 cm.

Lagenostoma lomaxi. **Oliver**, F. W. and **Scott**, D. H. London, Phil. Trans. R. Soc., **B 197**, 1904, (193-247, with pls.); Abstract, London, Proc. R. Soc., **73**, 1904, (4); reprint, Ann. Bot., Oxford, **17**, 1903, (625-629).

Lyginodendron. **Tansley**, A. G. N. Phytol., London, **2**, 1903, (73-76).

6700 **VASCULAR CRYPTO-**
GAMS.

6700.35 **GENERAL, INCLUDING**
STRATA OF UNKNOWN AGE.

Lepidodendron. **Renault**, B. Bul. Muséum, Paris, **1903**, (255-256).

Stigmaria ficoides. **Seward**, A. C. London, Brit. Ass. Geol. Phot., pt. 3, **1904**, (24).

6700.55 **UPPER PALAEOZOIC.**

Adiantites. **Ryba**, F. Wien, Jahrb. Geol. RchsAnst., **53**, 1904, (351-372).

Alethopteris. **Ryba**, F. l.c.

Alloiopteris. **Ryba**, F. l.c.

Aphlebia. **Ryba**, F. l.c.

Archaeocalamites scrobiculatus, Schlotheim. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (306-335, with 4 pls.).

Calamites cannaeformis. **Bishop** Auckland, Trans. Weardale Nat. F. Cl., **1**, pt. 2, 1904, (pl. VI).

Cardiocarpon kansasiense Lx. n. sp. Mss. (nom. nud.). **White**, D. Washington, D.C., U. S. Dept. Int. Bull. Geol. Surv., No. **211**, 1903, (85-117).

Cordaitea squammiferus Lx. n. sp. Mss. (nom. nud.). **White**, D. l.c.

Glossopteris spp. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (306-335, with 4 pls.).

Lepidocarpon. **Scott**, D. H. Nature, London, **71**, 1904, (201).

Lepidodendron australe M'Coy. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (306-335, with 4 pls.).

Lycopodites hostimensis. **Potonié**, H. et **Bernard**, C. Flore Dévonienne de l'étage H. de Barrande . . . Leipzig, [1903], (68).

Mariopteris cordato-ovata var. *obtusiloba* n. var. **White**, D. Washington, D.C., U. S. Dept. Int. Bull. Geol. Surv., No. **211**, 1903, (85-117).

Mycorrhiza. **Weiss**, F. E. Ann. Bot., Oxford, **18**, pt. 70, 1904, (255-265).

Neuropteris. **Ryba**, F. Wien, Jahrb. Geol. RchsAnst., **53**, 1904, (351-372).

Neuropteris nn. spp. **White**, D. l.c.

Noeggerathia. **Ryba**, F. l.c.

Odontopteris papilionacea n. sp. **White**, D. l.c.

Pecopteris. **Ryba**, F. l.c.

Phyllothea australis Brongn. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (306-335, with 4 pls.).

Polylophospermum. **Oliver**, F. W. N. Phytol., London, **3**, pt. 4, 1904, (96-104).

Protolepidodendron karlsteini P. & B. **Potonié**, H. et **Bernard**, C. Flore Dévonienne de l'étage H. de Barrande . . . Leipzig, [1903], (68).

Rhabdocarpus coronatus Lx. sp. Mss. (nom. nud.) White, D. Washington, D.C., U. S. Dept. Int. Bull. Geol. Surv., No. 211, 1903, (85-117).

Sigillaria nn. spp. et n. var. White, D. l.c.

Sigillariopsis. Scott, D. H. Ann Bot., Oxford, 13, pt. 71, 1904, (519-521).

Sphenophyllum fertile n. sp. Scott, D. H. London, Proc. R. Soc., 74, 1904, (314).

Telangium scotti n. sp. Benson, M. Ann. Bot., Oxford, 13, pt. 69, 1904, (161).

Trigonocarpus. Oliver, F. W. N. Phytol., London, 3, pt. 4, 1904, (96-104).

Ulodendron ? hostimense. Potonié, H. et Bernard, C. Flore Dévonienne de l'étage H. de Barrande . . . Leipzig, [1903], (68).

6700.60 MESOZOIC.

Thinnfeldia fontainei n. nom. (= *Thinnfeldia variabilis* Font. not Velen). Berry, E. W. New York, N.Y. Bull. Torrey Bot. Cl., 30, 1903, (438-445).

6700.70 JURASSIC.

Glossopteris sp. et. varr. Seward, A. C. Pietermaritzburg, Rep. Geol. Surv. Nat. and Zulul., 1904, (98, 100, pls. IV., figs. 2, 5, 6).

Lycopodites lanceolatus (Brodie, 1845, *Naiadites*). Seward, A. C. Cat. Mesoz. Plants B. M., Jurass. II, 1904, (14).

Noeggerathiopsis ? sp. Seward, A. C. Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., 1904, (100, pl. IV, fig. 8).

Pterophyllum. spp. Seward, A. C. l.c. (102, pl. V, fig. 9).

7400 ALGAE AND SCHIZOPHYCEAE.

7400.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Laminariopsis africana n. sp. Meunier, S. C.-R. cong. soc. sav., Paris, 1904, (156-159).

7400.50 LOWER PALAEOZOIC.

Ascosoma n. gen. *A. phaneroporata* n. sp. Lorenz, T. Centralbl. Min., Stuttgart, 1904, (193-194).

Mitcherlichia n. gen. *M. chinensis* n. sp. Lorenz, T. l.c.

7400.55 UPPER PALAEOZOIC.

Anthracochondrus. Ryba, F. Wien, Jahrb. Geol. RchsAnst., 53, 1904, (351-372).

Haliserites. Ryba, F. l.c.

7400.70 JURASSIC.

Algites furcatus (Brongn., 1828—*Fucoides*). Seward, A. C. Cat. Mesoz. Plants B. M., Jurass. II, 1904, (83).

Arthrodendron n. gen. *A. diffusum* n. sp. Ulrich, E. O. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([123]-146, with pl.).

Cancellophycus rhombicum n. sp. Ulrich, E. O. l.c.

Gilbertina n. gen. *G. spiralis* n. sp. Ulrich, E. O. l.c.

Gyrodendron n. gen. *G. emersoni* n. sp. Ulrich, E. O. l.c.

Helminthoida nn. spp. Ulrich, E. O. l.c.

Myelophycus n. gen. *M. curvatum* n. sp. Ulrich, E. O. l.c.

Palaeodictyon magnum laxum n. subsp. Ulrich, E. O. l.c.

Retiphycus n. gen. *R. hexagonale* n. sp. Ulrich, E. O. l.c.

7900 PLANTS OF UNASCERTAINED POSITION.

7900.55 UPPER PALAEOZOIC.

Schützia. Ryba, F. Wien, Jahrb. Geol. RchsAnst., 53, 1904, (351-372).

Codonotheca n. gen. *C. caduca* n. sp. Sellards, E. H. Amer. J. Sci., New Haven. Conn., (Ser. 4), 16, 1903, (87-95, with 1 pl.).

LIST OF NEW GENERA AND SPECIES.

5400 DICOTYLEDONS.

AESCULUS [Sapindaceae].
 ——— *arctica*. Knowlton, F. H.
 2377.

BETULA [Cupuliferae].
 ——— *baeumkeri*. Winkler, H.
 2738.
 ——— *luminifera*. Winkler, H.
 2738.
 ——— *rosae*. Winkler, H. 2738.

CAESALPINIA [Ulmaceae].
 ——— *ovalifolia*. Hollick, A. 2336.

CARPINUS [Cupuliferae].
 ——— *grosseserrata*. Winkler, H.
 2738.
 ——— *hybrida*. Winkler, H. 2738.
 ——— *londoniana*. Winkler, H.
 2738.
 ——— *oxycarpa*. Winkler, H.
 2738.
 ——— *paxii*. Winkler, H. 2738.
 ——— *schuschaensis*. Winkler, H.
 2738.
 ——— *stipulata*. Winkler, H. 2738.

CORYLUS [Cupuliferae].
 ——— *harrimani*. Knowlton, F. H.
 2377.
 ——— *palachei*. Knowlton, F. H.
 2377.

FICUS [Urticaceae].
 ——— *aplegatei* n. nom. Knowlton,
 F. H. 2376.

HICORIA [Juglandaceae].
 ——— *magnifica*. Knowlton, F. H.
 2377.

MYRICA [Myricaceae].
 ——— *cliffwoodensis*. Berry, E. W.
 2108.

PHYLLITES.
 ——— *saundersi*. Knowlton, F. H.
 2377.

PIERIS [Anacardiaceae].
 ——— *scrobiculata*. Hollick, A.
 2336.

PTEROSPERMITES [Sterculiaceae].
 ——— *alaskana*. Knowlton, F. H.
 2377.
 ——— *magnifolia*. Knowlton, F. H.
 2377.

QUERCUS [Cupuliferae].
 ——— *eoprinoidea*. Berry, E. W.
 2108.
 ——— *lehmanii*. Hollick, A. 2336.

RHUS [Anacardiaceae].
 ——— *milleri*. Hollick, A. 2336.

ULMUS [Ulmaceae].
 ——— *basicordata*. Hollick, A.
 2336.

VACCINIUM [Vacciniaceae].
 ——— *alaskanum*. Knowlton, F. H.
 2377.

VIBURNUM [Caprifoliaceae].
 ——— *matteucanense*. Berry, E. W.
 2108.

6000 MONOCOTYLEDONS.

PALMOXYLON [Palmaceae].
 ——— *angiorhizon*. Stenzel, K. G.
 W. 2666.

———— *astron*. Stenzel, K. G. W.
 2666.

———— *macrosiphon*. Stenzel, K. G.
 W. 2666.

———— *mississippiense*. Stenzel,
 K. G. W. 2666.

———— *oratum*. Stenzel, K. G. W.
 2666.

———— *porosum*. Stenzel, K. G. W.
 2666.

———— *remotum*. Stenzel, K. G. W.
 2666.

PALMOXYLON [Palmaceae].

- *tenuis*. Stenzel, K. G. W.
2666.
——— *texensis*. Stenzel, K. G. W.
2666.

6500 GYMNOSPERMS.**ARAUCARIA** [Coniferae].

- *daintreei*. Chapman, F.
2173.

ARAUCARIOXYLON.

- *lindleii* n. nom. Seward,
A. C. 2620.

CUPRESSINOXYLON [Coniferae].

- *barberi*. Seward, A. C.
2620.
——— *hookeri*. Arber, E. A. N.
2082.

PICEA [Coniferae].

- *harrimani*. Knowlton, F. H.
2377.

PODOZAMITES.

- *stonesfieldensis*. Seward,
A. C. 2620.

PINUS [Coniferae].

- *delicatulus*. Berry, E. W.
2108.
——— *praemontana*. Hogan, I.
2461.

- Protophyllocladus** n. gen. [Coniferae].
Berry, E. W. 2107.

SPHENOZAMITES.

- *belli*. Seward, A. C. 2620.

6600 CYCADOFILICES.**ANEIMITES** [Lyginodendrales].

- *fertilis*. White, D. 2728.

6700 VASCULAR CRYPTOGRAMS.**CARDIOCARPON.**

- *kansasienses*. White, D.
2727.

CORDAITES [Cordaiteae].

- *squammiiferus*. White, D.
2727.

MARIOPTERIS [Pecopterideae].

- *cordato-ovata* var. *obtusiloba*
n. var. White, D. 2727.

NEUROPTERIS [Neuropterideae].

- *careceraria*. White, D. 2727.
——— *hastata*. White, D. 2727.
——— *lindahli*. White, D. 2727.

ODONTOPTERIS [Neuropterideae].

- *papilionacea*. White, D.
2727.

RHARDOCARPOS [Cordaiteae].

- *coronatus*. White, D. 2727.

SIGILLARIA [Lycopodiales].

- *brardii* var. *coriacea* n. var.
White, D. 2727.
——— *laurenciana*. White, D.
2727.
——— *rectistriata*. White, D.
2727.
——— *suspecta*. White, D. 2727.

SPHENOPHYLLUM [Sphenophyllales].

- *fertile*. Scott, D. H. 2598.

TELANGIUM [Marattiaceae].

- *scotti*. Benson, M. 2105.

THINNFELDIA [Filicales].

- *fontainei* n. nom. Berry,
E. W. 2107.

7400 ALGAE AND SCHIZOPHYCEAE.

- Arthrodendron** n. gen. [Fucoides].
Ulrich, E. O. 2701.

- *diffusum*. Ulrich, E. O.
2701.

- Ascosoma** n. gen. [Ascosomaceae].
Lorenz, T. 2421.

- *phaneroporata*. Lorenz, T.
2421.

CANCELLOPHYCUS [Fucoides].

- *rhombicum*. Ulrich, E. O.
2701.

- Gilbertina** n. gen. [Fucoides]. Ulrich,
E. O. 2701.

- *spiralis*. Ulrich, E. O.
2701.

- Gyrodendron** n. gen. [Fucoides]. Ulrich,
E. O. 2701.

- *emersoni*. Ulrich, E. O.
2701.

HELMINTHOIDA.

- *abnormis*. Ulrich, E. O.
2701.

- *exacta*. Ulrich, E. O.
2701.

HELMINTHOIDA.

———— *subcrassa*. Ulrich, E. O.
2701.

———— *ruga*. Ulrich, E. O. 2701.

LAMINARIOPSIS [Laminariae].

———— *africana*. Meunier, S.
2458.

Mitcherlichia n. gen. [Ascosomaceae].
Lorenz, T. 2421.

———— *chinensis*. Lorenz, T. 2421.

Myelophycus n. gen. [Fucoides]. Ulrich.
E. O. 2701.

———— *curvatum*. Ulrich, E. O.
2701.

PALAEODICTYON [Fucoides].

———— *magnum laxum* n. subsp.
Ulrich, E. O. 2701.

Retiphycus n. gen. [Fucoides]. Ulrich,
E. O. 2701.

———— *hexagonale*. Ulrich, E. O.
2701.

7900 PLANTS OF UNASCERTAINED POSITION.

Codonotheca n. gen. Sellards, E. H.
2612.

———— *caduca*. Sellards, E. H.
2612.

ALPHABETICAL LIST OF NAMES OF NEW GENERA, SPECIES AND VARIETIES.

(The names of new Genera are in italics.)

<i>abnormis</i>	Helminthoida ; Ulrich, E. O. 2701.	<i>agata</i>	Emarginula ; Scalia, S. 2575.
<i>acaris</i>	Venericardia ; Dall, W. H. 2209.	<i>agellus</i>	Amphiblestrum ; Ulrich, E. O. and Bassler, R. S. 2704.
<i>acceleratum</i>	Metoicoceras ; Hyatt, A. 2346.	<i>agilis</i>	Opisthoctenodon ; Broom, R. 2137.
<i>Acompsoceras</i>	n. gen. Hyatt, A. 2346.	<i>alaris</i>	Cythereis ; Ulrich, E. O. and Bassler, R. S. 2703.
<i>Aconeceras</i>	n. gen. Hyatt, A. 2346.	<i>alaskana</i>	Dosinia ; Dall, W. H. 2213.
<i>actinus</i>	Phacoides ; Dall, W. H. 2209.	<i>alaskana</i>	Pterospermites ; Knowlton, F. H. 2377.
<i>acuminata</i>	Athyris ; Drevermann, F. 2231.	————	Trochita ; Dall, W. H. 2213.
————	Macrocallista ; Dall, W. H. 2209.	<i>alaskanum</i>	Vaccinium ; Knowlton, F. H. 2377.
<i>acuta</i>	Edmondia ; Hind, W. 2328.	<i>alaskanus</i>	Modiolus ; Dall, W. H. 2213.
————	Lyonsia ; Dall, W. H. 2209.	<i>alaskensis</i>	Astarte ; Dall, W. H. 2211.
—— —	Mysidioptera ; Broili, F. 2131.	————	Mesodesma ; Dall, W. H. 2213.
<i>acuticostata</i>	Myophoria ; Broili, F. 2131.	<i>albacornis</i>	Zaphrentis ; Greene, G. K. 2304.
<i>acutirostris</i>	Varanosaurus ; Broili, F. 2132.	<i>albertyni</i>	Cyclotosaurus ; Broom, R. 2143.
<i>acutum</i>	Metengonoceras ; Hyatt, A. 2346.	<i>algermissensis</i>	Arca ; Wollemann, A. 2744.
<i>acutus</i>	Crassatellites ; Dall, W. H. 2209.	<i>Algoasaurus</i>	n. gen. Broom, R. 2146.
<i>aequilateralis</i>	Lima ; Kittl, E. 2371.	<i>aliena</i>	Athyris ; Drevermann, F. 2235.
<i>affine</i>	Diploctenium ; Felix, J. 2254.	<i>alternicosta</i>	Avicula ; Scalia, S. 2575.
<i>africana</i>	Laminariopsis ; Meunier, S. 2458.	<i>alcantensis</i>	Nicklesia ; Hyatt, A. 2346.
————	Syrnola ; Oppenheim, P. 2491.		

- altidorsatus** n. var. *Actinocrinus multiramosus*; Greene, G. K. 2304.
- altum** *Gafrarium*; Dall, W. H. 2209.
- alumensis** *Grateloupia*; Dall, W. H. 2209.
- alunulata** *Pachycardia*; Kittl, E. 2371.
- alveolatus** *Zaphrentis*; Greene, G. K. 2304.
- ambiguum** *Metengonoceras*; Hyatt, A. 2346.
- ameghini** *Omomys*; Wortman, J. L. 2761.
- americana** n. var. *Cythereis cornuta*; Ulrich, E. O. and Bassler, R. S. 2703.
- *Astarte*; Dall, W. H. 2209.
- *Spheniopsis*; Dall, W. H. 2209.
- americanus** *Botryocrinus*; Greene, G. K. 2304.
- n. var. *Euomphalopterus alatus*; Kindle, E. M. & Breger, C. L. 2370.
- amoena** *Reynesia*; Buckman, S. S. 2150.
- Amonotis** n. gen. Kittl, E. 2371.
- amphitrite** *Astarte*; Scalia, S. 2575.
- Amphoreopsis** n. gen. Crick, G. C. 2205.
- ampla** *Arcoptera*; Broili, F. 2131.
- anadyomene** *Cytherea*; Oppenheim, P. 2491.
- anatinoides** *Panopaea*; Sturm, F. 2677.
- anatipes** *Chlamys*; Ugolini, R. 2700.
- anceps** *Mylacris*; Sellards, E. H. 2613.
- andersoni** *Donax*; Etheridge, R., jun. 2251.
- *Melina*; Etheridge, R., jun. 2251.
- angiorhizon** *Palmoxylon*; Stenzel, K. G. W. 2666.
- angulata** n. var. *Drillia incilifera*; Martin, G. C. 2441.
- angulata** *Paquieria*; Buckman, S. S. 2150.
- angulatus** *Dicellograptus*; Elles, G. I. and Wood, E. M. R. 2248.
- angusticostata** *Mysidioptera*; Broili, F. 2131.
- angusticostatus** n. var. *Pecten nigromagnus*; Ugolini, R. 2700.
- angustus** *Parallelodon*; Hind, W. 2328.
- annae** *Sumatrana*; Volz, W. 2711.
- antiqua** *Cypridina*; Jones, T. R. 2360.
- antiquata** *Echinochama*; Dall, W. H. 2209.
- apertus** n. var. *Staurograptus dichotomus*; Ruedemann, R. 2567.
- Aphaneramma** n. gen. Woodward, A. S. 2754.
- appeli** *Myoconcha*; Kittl, E. 2371.
- approximans** *Columbella*; Pritchard, G. B. 2536.
- arbutus** *Phacops*; Lake, P. 2391.
- arctica** *Aesculus*; Knowlton, F. H. 2377.
- *Pandora*; Dall, W. H. 2209.
- arcuata** *Gerablattina*; Sellards, E. H. 2613.
- *Ludwigella*; Buckman, S. S. 2150.
- arcuatum** *Lopadoceras*; Buckman, S. S. 2150.
- ardmillanensis** *Bronteopsis*; Reed, F. R. C. 2548.
- ardouini** *Homoeaster*; Lambert, J. 2392.
- areata** *Arcoptera*; Broili, F. 2131.
- arenacea** *Canavarella*; Buckman, S. S. 2150.
- armatus** *Ceratites*; Philippi, E. 2517.
- armipotens** *Kiliania*; Buckman, S. S. 2150.
- arrecta** *Porosphaera*; Hinde, G. J. 2329.
- Arthrodendron** n. gen. Ulrich, E. O. 2701.
- Ascosoma** n. gen. Lorenz, T. 2421.

- ashermani** Cytherideis; Ulrich, E. O. and Bassler, R. S. 2703.
- aspera** Braunsina; Buckman, S. S. 2150.
- aspero-anceps** Baculites; Lasswitz, B. 2402.
- Aspidosaurus** n. gen. Broili, F. 2132.
- asterias** Dolatocrinus; Wood, E. 2748.
- austrictum** Deltoidoceras; Buckman, S. S. 2150.
- astron** Palmoxylon; Stenzel, K. G. W. 2666.
- atavus** Ceratites; Philippi, E. 2517.
- Protocetus; Fraas, E. 2272.
- attenuata** Ludwigella; Buckman, S. S. 2150.
- attracta** Ludwigella; Buckman, S. S. 2150.
- attrita** Cotteswoldia; Buckman, S. S. 2150.
- auriculata** Myoconcha; Broili, F. 2131.
- austini** Homotrypa; Bassler, R. S. 2097.
- australiense** Cytheropteron; Chapman, F. 2172.
- aviculaeformis** Mysidioptera; Broili, F. 2131.
- baconicus** Erycites; Prinz, G. 2535.
- baeumkeri** Betula; Winkler, H. 2738.
- bailyi** Alaria; Etheridge, R., jun. 2251.
- baini** Pristerognathus; Broom, R. 2134.
- Tentaculites; Reed, F. R. C. 2546.
- bakewellioides** Cyrtodontarca; Jakovlev, N. 2357.
- balcombensis** Columbella; Pritchard, G. B. 2536.
- balclatchiensis** Illaenus; Reed, F. R. C. 2548.
- ballista** Chione; Dall, W. H. 2209.
- bánffy** Erycites; Prinz, G. 2535.
- barberi** Cupressinoxylon; Seward, A. C. 2620.
- barthi** Pecten; Wolle-
mann, A. 2743.
- basicordata** Ulmus; Hollick, A. 2336.
- bassi** Apiotoma; Pritchard, G. B. 2536.
- bauri** Algoasaurus; Broom, R. 2146.
- baylorensis** Seymouria; Broili, F. 2132.
- beecheri** Aspideretes; Hay, O. P. 2323.
- Sphenodiscus; Hyatt, A. 2346.
- bellerophonium** Sanguinolites; Kittl, E. 2371.
- belli** Sphenozamites; Seward, A. C. 2620.
- benigna** Reynesia; Buckman, S. S. 2150.
- bonnettii** Astarte; Dall, W. H. 2211.
- belophora** Canavarella; Buckman, S. S. 2150.
- bergeri** Naticella; Picard, E. 2520.
- bernardi** Erycinella; Dall, W. H. 2209.
- beushauseni** Conocardium; Drevermann, F. 2231.
- Tudicla; Wolle-
mann, A. 2743.
- beyschlagi** Cerithium; Wolle-
mann, A. 2744.
- bicarinatoides** Aporrhais; Wolle-
mann, A. 2744.
- bicornis** n. var. Cythere dorsicornis; Ulrich, E. O. and Bassler, R. S. 2703.
- bicostata** Turritella; Ilovaisky, D. 2347.
- bifax** Cotteswoldia; Buckman, S. S. 2150.
- bifoliata** Membranipora; Ulrich, E. O. and Bassler, R. S. 2704.
- Microporella; Ulrich, E. O. and Bassler, R. S. 2704.
- bittneri** Amphiclinodonta; Waagen, L. 2713.
- Cancer; Toula, F. 2691.

- böttneri** Mysidoptera; Broili, F. 2131.
 ———— *Phillipsia*; Kittl, E. 2371.
blanckenhorni *Buccinum*; Oppenheim, P. 2491.
blanda *Ludwigella*; Buckman, S. S. 2150.
boeckhi *Phylloceras*; Prinz, G. 2535.
bohemicus *Gephyrostegus*; Jaekel, C. 2350.
 ———— *Iachyodus*; Bayer, F. 2101.
bokkeveldensis *Orthoceras*; Reed, F. R. C. 2546.
boldaccii *Mytilus*; Scalia, S. 2575.
bononiensis *Chlamys*; Ugolini, R. 2700.
borealis *Propleura*; Wieland, G. R. 2731.
borni *Phylloceras*; Prinz, G. 2535.
borovacensis *Spirigera*; Kittl, E. 2371.
bosniaca *Discina*; Kittl, E. 2371.
 ———— *Gervilleia*; Kittl, E. 2371.
 ———— *Protorcula*; Kittl, E. 2371.
boulei *Salenia*; Lambert, J. 2392.
bowdenensis *Crassatellites*; Dall, W. H. 2209.
 ———— *Verticordia*; Dall, W. H. 2209.
bowdeniana *Anomalocardia*; Dall, W. H. 2209.
brachyotis *Halobia*; Kittl, E. 2371.
brancoi *Barroisiceras*; Solger, F. 2643.
Braunsella n. gen. Buckman, S. S. 2150.
brevicaulis *Dicranograptus*; Elles, G. L. and Wood, E. M. R. 2248.
brevia *Hoplopteryx*; Bayer, F. 2101.
brevissimus *Phacops*; Drevermann, F. 2231.
broweri *Yoldia*; Dall, W. H. 2213.
britannica *Lima*; Woods, H. 2750.
brunsvicensis *Frechiella*; Hoyer. 2340.
buccai *Crossostoma*; Scalia, S. 2575.
- bulbiforme** *Sycma*; Oppenheim, P. 2491.
bulle *Venericardia*; Dall, W. H. 2209.
bullock-newtoni *Cardium*; Etheridge, R., jun. 2251.
burnsi *Cythere*; Ulrich, E. O. and Basler, R. S. 2703.
busembrensis *Chiton*; Scalia, S. 2575.
 ———— *Lima*; Scalia, S. 2575.
 ———— *Opis*; Scalia, S. 2575.
caduca *Codonotheca*; Sellards, E. H. 2612.
caesarina *Cytherea*; Dall, W. H. 2209.
cainozoicus *Cestracion*; Chapman, F. and Pritchard, G. B. 2175.
calcanes *Pitaria*; Dall, W. H. 2209.
calceoformis *Ostrea*; Broili, F. 2131.
calhounensis *Phacoides*; Dall, W. H. 2209.
caliculus *Zaphrentis*; Greene, G. K. 2304.
californica *Venericardia*; Dall, W. H. 2209.
callistaeformis *Spisula*; Dall, W. H. 2213.
callosa *Baëna*; Hay, O. P. 2322.
 ———— *Ludwigella*; Buckman, S. S. 2150.
callosus *Zaphrentis*; Greene, G. K. 2304.
caloosana *Chama*; Dall, W. H. 2209.
 ———— *Transennella*; Dall, W. H. 2209.
calverta n. var. *Volvula iota*; Martin, G. C. 2441.
calvertana *Siphonalia*?; Martin, G. C. 2441.
calvertanum *Calliostoma*; Martin, G. C. 2441.
calvertanus *Phacodiscus*; Martin, G. C. 2444.
calvertense *Caecum*; Martin, G. C. 2441.

- calvertense Eucyrtidium ; Martin, G. C. 2444.
 ——— Rhopalodictyum ; Martin, G. C. 2444.
 ——— Teinostoma ; Martin, G. C. 2441.
 calvertensis Actaeon ; Martin, G. C. 2441.
 ——— Astarte ; Glenn, L. C. 2296.
 ——— Cancellaria ; Martin, G. C. 2441.
 ——— Cerithiopsis ; Martin, G. C. 2441.
 ——— Columbella ; Martin, G. C. 2441.
 ——— Cylichna ; Martin, G. C. 2441.
 ——— n. var. Cythere nitidula ; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— Drillia ; Martin, G. C. 2441.
 ——— Erycina ; Glenn, L. O. 2296.
 ——— Marginella ; Martin, G. C. 2441.
 ——— Nassa ; Martin, G. C. 2441.
 ——— Odostomia ; Martin, G. C. 2441.
 ——— Pleurotoma ; Martin, G. C. 2441.
 ——— Scala ; Martin, G. C. 2441.
 ——— Spirorbis ; Martin, G. C. 2443.
 ——— n. var. Terebra curvilineata ; Martin, G. C. 2441.
 ——— Thecodonta ; Glenn, L. C. 2296.
 calvertensium Cardium ; Glenn, L. C. 2296.
 calverti Cythere ; Ulrich, E. O. and Bassler, R. S. 2703.
 camerunensis Actaeon ; Oppenheim, P. 2491.
 ——— Cardita ; Oppenheim, P. 2491.
 ——— Lucina ; Oppenheim, P. 2491.
 ——— Murex ; Oppenheim, P. 2491.
 ——— Pleurotoma ; Oppenheim, P. 2491.
 caminosa Membranipora ; Ulrich, E. O. and Bassler, R. S. 2704.
 campestris Cardiomorpha ; Reed, F. R. C. 2546.
 canaliculata Arcoptera ; Kittl, E. 2371.
 canaliculatoide Ochetoceras, Illovai-sky, D. 2347.
 canaliculatum Diplacmoceras ; Hyatt, A. 2346.
 Canavarella n. gen. Buckman, S. S. 2150.
 cancellans Pecten ; Kittl, E. 2371.
 cancellaria Amonotis ; Kittl, E. 2371.
 Cancellariella n. subgen. (of Cancellaria). Martin, G. C. 2441.
 canevarii Gibbula ; Scalia, S. 2575.
 capax n. var. Cythere plebeia ; Ulrich, E. O. and Bassler, R. S. 2703.
 capollinii Mathilda ; Scalia, S. 2575.
 capensis Nuculites ; Reed, F. R. C. 2546.
 carapezzae Chemnitzia ; Scalia, S. 2575.
 carbatinum Platygraphoceras ; Buckman, S. S. 2150.
 carbonarius Pterinopecten ; Hind, W. 2328.
 carbonifera Megambonia ; Hind, W. 2328.
 carceraria Neuropteris ; White, D. 2727.
 Cardiocephalus n. gen. Broili, F. 2132.
 carinata Ludwigella ; Buckman, S. S. 2150.
 carinatella Rensselaeria ; Fuchs, A. 2281.
 cariniferum Pseudographoceras ? ; Buckman, S. S. 2150.
 carintiacus Proetus ? ; Drevermann, F. 2231.
 carolinae Chuniola ; Gagel, C. 2285.
 carolinensis Transennella ; Dall, W. H. 2209.
 carrollensis n. var. Iatuites herculeus ; Kindle, E. M. and Broger, C. L. 2370.

- carsonensis* Venericardia; Dall, W. H. 2209.
Carstenia n. gen. Hyatt, A. 2346.
casalensis Perna; Scalia, S. 2575.
casta Ludwigella; Buckman, S. S. 2150.
castelarquatensis Fusus. Grabau, A. W. 2301.
castellanensis Subpulchellia; Hyatt, A. 2346.
castrana Astarte; Glenn, L. C. 2296.
—— Venericardia; Glenn, L. C. 2296.
catharia Cardita; Dall, W. H. 2209.
caudata Cytherea; Oppenheim, P. 2491.
celticus Dicranograptus; Elles, G. L. and Wood, E. M. R. 2248.
cephalica Baëna; Hay, O. P. 2323.
cercus Corbula; Oppenheim, P. 2491.
chaylai Cardita; Meunier, S. 2457.
chazianum n. var. Stromatocentrum lamottense; Seely, H. M. 2607.
chesapeakeanus Trophon; Martin, G. C. 2441.
chesapeakeensis Cytheridea?; Ulrich, E. O. and Bassler, R. S. 2703.
—— Spisula; Glenn, L. C. 2296.
chinensis Mitcherlichia; Lorenz, T. 2421.
chipolana Anomalocardia; Dall, W. H. 2209.
—— Chama; Dall, W. H. 2209.
—— Chione; Dall, W. H. 2209.
—— Codakia; Dall, W. H. 2209.
—— Divaricella; Dall, W. H. 2209.
—— Dosinia; Dall, W. H. 2209.
—— Transennella; Dall, W. H. 2209.
chipolanus Crassatellites; Dall, W. H. 2209.
—— Phacoides; Dall, W. H. 2209.
chiton Aspidosaurus; Broili, F. 2132.
choffati Buccinum; Oppenheim, P. 2491.
—— Cyclolites; Felix, J. 2254.
—— Neolobites; Hyatt, A. 2346.
—— Ostrea; Oppenheim, P. 2491.
Choffaticeras n. gen. Hyatt, A. 2346.
chopi Tectospira; Picard, E. 2520.
choptankensis Pleurotoma; Martin, G. C. 2441.
Chuniola n. gen. Gagel, C. 2285.
cincinnatiensis Homotrypa; Bassler, R. S. 2007.
clarkana Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
clarkei Tetragraptus; Ruedemann, R. 2567.
clathrata Patella; Scalia, S. 2575.
clavatum Cystiphyllum; Greene, G. K. 2304.
Clavellofusus n. gen. Grabau, A. W. 2301.
clavelloides Rhopalithes; Grabau, A. W. 2301.
claviformis Panopaea; Sturm, F. 2677.
Clavulites n. gen. Girty, G. H. 2295.
cliffwoodensis Myrica; Berry, E. W. 2108.
clinatus Zaphrentis; Greene, G. K. 2304.
Codonothea n. gen. Sellards, E. H. 2612.
coflea Otolithus; Wollemaun, A. 2744.
Coilopoceras n. gen. Hyatt, A. 2346.
collata Carcharias; Eastman, C. R. 2242.
colleti Coilopoceras; Hyatt, A. 2346.
colonicus Nuculites; Reed, F. R. C. 2546.
coloradensis Bothriolepis; Eastman, C. R. 2239.
colossus Homalonotus; Lake, P. 2391.
columnare Loxonema; Picard, E. 2520.
comata Pleydellia; Buckman, S. S. 2150.

<i>communis</i>	<i>Homotrypa</i> ; Bassler, R. S. 2097.	<i>copei</i>	<i>Diplocaulus</i> ; Broili, F. 2132.
<i>complicatum</i>	<i>Engonoceras</i> ; Hyatt, A. 2346.	————	<i>Olbodotes</i> ; Osborn, H. F. 2493.
<i>compressa</i> n. var.	<i>Cristellaria costata</i> ; Chapman, F. 2172.	<i>coriacea</i>	<i>Etoblattina</i> ; Sellards, E. H. 2613.
————	<i>Hoferia</i> ; Broili, F. 2131.	————	n. var. <i>Sigillaria brardii</i> ; White, D. 2727.
————	<i>Mysidioptera</i> ; Broili, F. 2131.	<i>cornelliana</i>	<i>Mangilia</i> ; Martin, G. C. 2441.
————	n. var. <i>Pentamerus oblongus</i> ; Kindle, E. M. and Breger, C. L. 2370.	<i>cornigera</i>	<i>Braunsina</i> ; Buckman, S. S. 2150.
<i>compressum</i>	<i>Knemiceras</i> ; Hyatt, A. 2346.	<i>coronatus</i>	<i>Rhabdocarpos</i> ; White, D. 2727.
<i>compressus</i>	<i>Chiton</i> ; Scalia, S. 2575.	<i>coronula</i>	<i>Rhynchonella</i> ; Drevermann, F. 2231.
<i>compsa</i>	<i>Divaricella</i> ; Dall, W. H. 2209.	<i>corpulenta</i>	<i>Lucina</i> ; Dall, W. H. 2209.
<i>concava</i>	<i>Undularia</i> ; Picard, E. 2520.	<i>Cosmolithes</i>	n. gen. Grabau, A. W. 2301.
<i>concentrica</i>	<i>Radiotella</i> ; Broili, F. 2131.	<i>cosmovicii</i>	<i>Syngnathus</i> ; Simionescu, J. 2635.
————	<i>Inoceramya</i> ; Ulrich, E. C. 2701.	<i>cossmanni</i>	<i>Verticordia</i> ; Dall, W. H. 2209.
————	<i>Streblopteria</i> ; Hind, W. 2328.	<i>costatum</i>	<i>Pisidium</i> ; Sterki, V. 2667.
<i>concinna</i>	<i>Darellia</i> ; Buckman, S. S. 2150.	<i>costatus</i>	<i>Dolatocrinus</i> ; Wood, E. 2748.
<i>conditum</i>	<i>Heliophyllum</i> ; Greene, G. K. 2304.	<i>craspedonia</i>	<i>Chione</i> ; Dall, W. H. 2209.
<i>confluentina</i>	<i>Rensselaeria</i> ; Fuchs, A. 2281.	————	<i>Cuspidaria</i> ; Dall, W. H. 2209.
<i>congregata</i>	<i>Anoplothea</i> ; Kindle, E. M. and Breger, C. L. 2370.	<i>crassangulum</i>	<i>Priscodelphinus</i> ; Case, E. C. 2165.
<i>coniformis</i>	<i>Pseudoliva</i> ; Oppenheim, P. 2491.	<i>crassatum</i>	<i>Placenticeras</i> ; Hyatt, A. 2346.
<i>conjunctoides</i>	<i>Clavilithes</i> ; Grabau, A. W. 2301.	<i>crassicostata</i>	<i>Mysidioptera</i> ; Broili, F. 2131.
<i>conradi</i>	<i>Astrangia</i> ; Vaughan, T. W. 2709.	<i>crassum</i>	<i>Cadoceras</i> ; Madsen, V. 2433.
<i>conspicuum</i>	<i>Cystiphyllum</i> ; Greene, G. K. 2304.	<i>crassus</i>	<i>Neoptychites</i> ; Solger, F. 2643.
<i>constrictum</i>	<i>Amphiblestrum</i> ; Ulrich, E. O. and Bassler, R. S. 2704.	————	<i>Prospondylus</i> ; Broili, F. 2131.
<i>contorta</i>	<i>Braunsina</i> ; Buckman, S. S. 2150.	<i>crater</i>	<i>Textularia</i> ; Chapman, F. 2172.
<i>convoluta</i>	<i>Palmicellaria</i> ; Ulrich, E. O. and Bassler, R. S. 2704.	<i>credneri</i>	<i>Temnotropis</i> ; Picard, E. 2520.
		<i>crenatum</i>	<i>Cystiphyllum</i> ; Greene, G. K. 2304.
		<i>cretacea</i>	<i>Alveopora</i> ; Felix, J. 2254.
		————	<i>Lima</i> ; Woods, H. 2750.

- crustaceus** Serranus; Bayer, F. 2101.
cribrum Callopora; Ulrich, E. O. and Bassler, R. S. 2704.
Cristalis n. gen. Buckman, S. S. 2150.
crinalis Brasilina; Buckman, S. S. 2150.
cristallina Avicula; Scalia, S. 2575.
cristallinum Dentalium; Scalia, S. 2575.
 ——— Scapellum; Scalia, S. 2575.
cuboides Athyris; Drevermann, F. 2231.
cuneolata Schisoporella; Ulrich, E. O. and Bassler, R. S. 2704.
cuneatum Deltotoceras; Buckman, S. S. 2150.
cuneatus Plethomytilus; Kindle, E. M. and Brøgger, C. L. 2370.
curta Modiolaria; Glenn, L. C. 2296.
curva Hugia; Buckman, S. S. 2150.
curvata Frechiella; Prinz, G. 2534.
 ——— Myoconcha; Broili, F. 2131.
curvatum Myelophycus; Ulrich, E. O. 2701.
curvicostratum Hyperlioceras; Buckman, S. S. 2150.
cuspidatus Didymograptus, Ruedemann, R. 2567.
cyathiformis Dicranograptus, Elles, G. L. and Wood, E. M. R. 2248.
cylindrica Cytherideis; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— Homotrypa; Bassler, R. S. 2097.
cylindricus Trypanostylus; Picard, E. 2520.
Cymatozycas n. subgen. Dall, W. H. 2210.
Cyrtodontarca n. gen. Jakovlev, N. 2357.
cystata Dekayella; Cumings, E. R. 2206.
daintreei Araucaria; Chapman, F. 2173.
 ——— Cristellaria; Chapman, F. 2172.
dalli Misbolina, Glenn, L. C. 2290.
 ——— n. var. Terebra curvilineata, Martin, G. C. 2441.
Dorellella n. gen. Buckman, S. S. 2150.
Dorellina n. gen. Buckman, S. S. 2150.
debile Graphoceras; Buckman, S. S. 2150.
degrangeri Nucula, Peyrot. 2516.
deschmolleri Cucullaea; Sturm, F. 2677.
deletum Pseudographoceras, Buckman, S. S. 2150.
delicata Oedania; Buckman, S. S. 2150.
 ——— Walkera, Buckman, S. S. 2150.
delicatulus Pinus; Berry, E. W. 2106.
delphiensis Orthoceras; Kindle, E. M. and Brøgger, C. L. 2370.
dentatogranelatus Pentacrinus; Wollemann, A. 2744.
depressa Bornia; Glenn, L. C. 2296.
 ——— Neritaria; Picard, E. 2520.
depressum Placenticeras; Hyatt, A. 2346.
de stefani Pecten; Ugolini, R. 2700.
diffusidens n. form Notidulus; Koch, A. 2380.
diffusum Arthrodendron; Ulrich, E. O. 2701.
dilatatum Diphyphyllum; Greene, G. R. 2304.
dillensis Proetus?; Drevermann, F. 2231.
dilleri Tropites; Smith, J. P. 2639.
di-lorenzoi Cerithium; Scalia, S. 2575.
diminuta n. var. Volvula iota; Martin, G. C. 2441.
di-stefanoi Trochotoma; Scalia, S. 2575.
distira Cuspidaria, Dall, W. H. 2209.

- divisa

Turritella; Ilovaïsky, D. 2347.

dobrudschensis

Berenicea; Toula, F. 2690.

dobrudschensis

Nerinea; Toula, F. 2690.

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Sphaerulites; Toula, F. 2690.

docilis

Darellina; Buckman, S. S. 2150.

dodona

Pandora; Dall, W. H. 2209.

domingensis

Phacoides; Dall, W. H. 2209.

donigeri

Pecten; Michailovskij, G. P. 2460.

dorsetensis

Darellina; Buckman, S. S. 2150.

dorsicornis

Cythere; Ulrich, E. O. and Bassler, R. S. 2703.

dorsoplanus

Ceratites; Philippi, E. 2517.

doverensis

Retepora; Ulrich, E. O. and Bassler, R. S. 2704.

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Schizoporella; Ulrich, E. O. and Bassler, R. S. 2704.

draconis

Chama; Dall, W. H. 2209.

drepanon

Ostrea; Wollemann, A. 2745.

dubius

Schizospondylus; Bayer, F. 2101.

dumosa

Homotrypa; Bassler, R. S. 2097.

dunni

Eutomoceras; Smith, J. P. 2639.

duperrayi

Mangilia; Peyrot. 2516.

duplessisi

Scapanodon; Broom, R. 2145.

dupliniana

Anomalocardia; Dall, W. H. 2209.

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Cyrena; Dall, W. H. 2209.

duplinianus

Crassatellites; Dall, W. H. 2209.

dux

Undularia; Picard, E. 2520.

dyadica

Worthenia; Kittl, E. 2371.

eatoni

Stromatocerium; Seely, H. M. 2607.

echinatus

Glossograptus; Ruedemann, R. 2567.

efflata

Avicula; Broili, F. 2131.

egena

Cotteswoldia; Buckman, S. S. 2150.

elator

Worthenia; Picard, E. 2520.

elegans

Chemnitzia; Scalia, S. 2575.

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Rhadinichthys; Wellburn, E. D. 2726.

elegantula

Braunsina; Buckman, S. S. 2150.

ellesi

Didymograptus; Ruedemann, R. 2567.

elnia

Arca; Glenn, L. C. 2296.

elongata

Loxoconcha; Chapman, F. 2172.

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Mysidioptera; Broili, F. 2131.

elongato-concentrum

Cytheropteron; Chapman, P. 2171.

elongatum

Loxonema; Picard, E. 2520.

elongatus

Gobius; Simionescu, J. 2635.

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Parallelodon; Hind, W. 2328.

eloroidea

Pleurotomaria; Kindle, E. M. and Breger, C. L. 2370.

emersoni

Gyrodendron; Ulrich, E. O. 2701.

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Yoldia; Dall, W. H. 2213.

eocaenus

Eremopezus; Andrews, C. W. 2077.

eoprinoïdes

Quercus; Berry, E. W. 2108.

Episageceras n. gen.

Noetling, F. 2476.

Eremopezus n. gen.

Andrews, C. W. 2077.

erosa

Chione; Dall, W. H. 2209.

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Codakia; Dall, W. H. 2209.

erosum

Gafrarium; Dall, W. H. 2209.

eschi

Cytherea; Oppenheim, P. 2491.

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Pseudoliva; Oppenheim, P. 2491.

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Turritella; Oppenheim, P. 2491.

eschii

Acanthoceras; Solger, F. 2643.

- oides* *Lopadoceras*; Buckman, S. S. 2150.
Eulophoceras n. gen. Hyatt, A. 2346.
ovae *Schloenbachia*; Lasowitz, R. 2402.
ovae *Cythere*; Ulrich, E. O. and Bassler, R. S. 2703.
evolutissimum *Dumortieria*; Prins, G. 2535.
evolutus *Ceratites*; Philippi, E. 2517.
erecta *Helminthoida*; Ulrich, E. O. 2701.
eranthemata *Cythere*; Ulrich, E. O. and Bassler, R. S. 2703.
excavata *Rhynchospira*; Grabau, A. W. 2300.
excavatoidea *Astarte*; Ilovsky, D. 2347.
excentrica *Myalina*; Drevermann, F. 2231.
eximius *Erycites*; Prins, G. 2535.
expansa *Idmones*; Ulrich, E. O. and Bassler, R. S. 2704.
extensus *Ilseus*; Reed, F. R. C. 2548.
extremus *Ichthyosaurus*; Boulenger, G. A. 2126.
falcatum *Loxonema*; Picard, E. 2520.
falcigera *Oedania*; Buckman, S. S. 2150.
fajumensis *Geniohyus*; Andrews, C. W. 2074.
Fajumia n. gen. Stromer, E. 2673.
Falsifusus n. gen. Grabau, A. W. 2301.
fastigata *Braunsina*; Buckman, S. S. 2150.
fennemai *Lonsdaleia*; Volz, W. 2711.
fertile *Sphenophyllum*; Scott, D. H. 2598.
fertilis *Aneimites*; White, D. 2728.
filosina *Pitaria*; Dall, W. H. 2209.
fastula *Membranipora*; Ulrich, E. O. and Bassler, R. S. 2704.
flexilis *Ludwigella*; Buckman, S. S. 2150.
flexuosa *Macrocypris*; Chapman, F. 2174.
flexuosus *Ceratites*; Philippi, E. 2517.
floccosa *Paqueria*; Buckman, S. S. 2150.
floridana *Pitaria*; Dall, W. H. 2209.
fluitans *Dendrograptus*; Ruedemann, R. 2567.
fontinalis *Eutrochus*; Pritchard, G. B. 2536.
forcipiformis *Didymograptus*; Ruedemann, R. 2567.
fortior n. var. *Cythere drupacea*; Chapman, F. 2172.
fossulifera *Membranipora*; Ulrich, E. O. and Bassler, R. S. 2704.
foveolata *Paradoxorhyncha*; Chapman, F. 2172.
fracti *Metoposaurus*; Lucas, F. A. 2426.
fragilis *Mactra*; Laskarev, V. 2401.
francisco *Cythere*; Ulrich, E. O. and Bassler, R. S. 2703.
frangens *Myliobatis*; Eastman, O. R. 2242.
frasi *Cancer*; Lörentz, I. 2409.
frechi *Inoceramus*; Flegel, K. 2257.
 ——— *Lonsdaleia*; Volz, W. 2711.
 ——— *Phylloceras*; Prins, G. 2535.
 ——— *Schloenbachia*; Lasowitz, R. 2402.
fritachi *Rhabdoconcha*; Picard, E. 2520.
 ——— *Worthenia*; Picard, E. 2520.
Fritschia n. gen. Picard, E. 2520.
frondosa *Homotrypa*; Bassler, R. S. 2097.
fucini *Macrodon*; Scalia, S. 2575.
fulcratum *Cystiphyllum*; Greene, G. K. 2304.
Fulgurofusus n. gen. Grabau, A. W. 2301.
furcata *Myrtaea*; Dall, W. H. 2209.
furcatum *Lopadoceras*; Buckman, S. S. 2150.
furciferum *Dictyonema*; Ruedemann, R. 2567.
furcillata *Reynesia*; Buckman, S. S. 2150.

- fusuliniformis* Cylichna; Etheridge, R., jun. 2251.
gabbi Fusus; Grabau, A. W. 2031.
 ————— Knemiceras; Hyatt, A. 2346.
 ————— Roemeroceras; Hyatt, A. 2346.
gajarii Phylloceras; Prinz, G. 2535.
gallischi Goniomya; Sturm, F. 2677.
gamkaensis Orthoceras; Reed, F. R. C. 2546.
gatunensis Callocardia; Dall, W. H. 2209.
 ————— Cyclimella; Dall, W. H. 2209.
geelongensis Acanthias; Chapman, F. and Pritchard, G. B. 2175.
 ————— Collonia; Pritchard, G. B. 2536.
gemmellaroi Hologyra; Scalia, S. 2575.
gemmiferum Crystiphyllum; Greene, G. K. 2304.
Geniohyus n. gen. Andrews, C. W. 2074.
gentili Membranipora; Canu, T. 2160.
geometricus Goniograptus; Ruedemann, R. 2567.
Gephyrostegus n. gen. Jaekel, O. 2350.
Gerhardtia n. gen. Hyatt, A. 2346.
germana Membranipora; Ulrich, E. O. and Bassler, R. S. 2704.
gibbi Osteopygis; Wieland, G. R. 2731.
gibbosum Engonoceras; Hyatt, A. 2346.
 ————— Metoicoceras; Hyatt, A. 2346.
giganteus Chiton; Scalia, S. 2575.
 ————— Inoceramus; Pálffy, M. 2499.
gilberti Macrocallista; Dall, W. H. 2213.
 ————— Trimeroceras; Kindle, E. M. and Breger, C. L. 2370.
Gilbertina n. gen. Ulrich, E. O. 2701.
- glaberrima* Mysidioptera; Kittl, E. 2371.
glaciana Trigonina; Sturm, F. 2677.
Glanosuchus n. gen. Broom, R. 2134.
glatziae Inoceramus; Flegel, K. 2257.
glenni Astarte; Dall, W. H. 2209.
 ————— Phacoides; Dall, W. H. 2209.
glevensis Ludwigella; Buckman, S. S. 2150.
globosa Mysidioptera; Broili, F. 2131.
 ————— Tissotia; Hyatt, A. 2346.
glomerata Theonota; Ulrich, E. O. and Bassler, R. S. 2704.
glossoides Rhynchonella; Kittl, E. 2371.
glyptoconcha Cytherea; Dall, W. H. 2209.
glyptocyma Chione; Dall, W. H. 2209.
goodlandensis Eatonina; Kindle, E. M. and Breger, C. L. 2370.
gottschei Hamites; Wollemaun, A. 2745.
 ————— Spatangus; Gagel, C. 2285.
grabovicensis Avicula; Kittl, E. 2371.
gracilis Badiotella; Broili, F. 2131.
 ————— Mysidioptera; Broili, F. 2131.
gracillima Rapana; Wollemaun, A. 2744.
gradatum Heliophyllum; Greene, G. K. 2304.
grandicostatus n. var. Limipecten texanus; Girty, G. H. 2295.
grandiformis Pecten; Ugolini, R. 2700.
grandis Homotrypa; Bassler, R. S. 2097.
 ————— Socnopaea; Stromer, E. 2673.
granti Pleurotoma; Pritchard, G. B. 2536.
granulataeformis Cristellaria; Wójcik, K. 2740.

- granulosus** *Macrophthalmus*; Man, J. G. de. 2437.
- grayi** *Bronteus*; Reed, F. B. U. 2548.
- greensboroense** *Oscum*; Martin, G. C. 2441.
- *Teinostoma*; Martin, G. C. 2441.
- *Calyptraea*; Martin, G. C. 2441.
- *Cylichna*; Martin, G. C. 2441.
- *Nassa*; Martin, G. C. 2441.
- greggiana** *Venericardia*; Dall, W. H. 2209.
- gregorii** *Bulimina*; Chapman, F. 2172.
- growingkii** *Protothaca*; Dall, W. H. 2213.
- griesbachi** *Cylichna*; Etheridge, R., jun. 2251.
- grimmeri** *Tetragonites*; Kittl, E. 2371.
- grönländica** *Myoconcha*; Madsen, V. 2433.
- grosseserrata** *Carpinus*; Winkler, H. 2738.
- grossipunctata** n. var. *Cythere corrosa*; Chapman, F. 2172.
- grossouvrei** *Coilopoceras*; Hyatt, A. 2346.
- *Placentoceras*; Hyatt, A. 2346.
- grzybowskii** *Discohelix*; Wójcik, K. 2740.
- guadalupensis** *Cyathodonta*; Dall, W. H. 2209.
- gubernatoria** *Crenella*; Glenn, L. C. 2296.
- *Nassa*; Martin, G. C. 2441.
- *Psammobia*; Glenn, L. C. 2296.
- *Turbonilla*; Martin, G. C. 2441.
- guibei** *Euthria*; Peyrot. 2516.
- guntiana** *Clemmys*; Roger, O. 2561.
- gymnitum** *Cardiomorpha*; Kittl, E. 2371.
- Gyracanthides** n. gen. Woodward, A. S. 2751.
- Gyrodendron** n. gen. Ulrich, E. O. 2701.
- hadra** *Venericardia*; Dall, W. H. 2209.
- halavatai** *Hammatoceras*; Prins, G. 2535.
- halilucensis** *Halobia*; Kittl, E. 2371.
- halli** *Primitia*; Chapman, F. 2174.
- hamatum** *Depaceras*; Buckman, S. S. 2150.
- *Phacoides*; Dall, W. H. 2209.
- hamiltonensis** *Turbo*; Pritchard, G. B. 2536.
- harrimani** *Corylus*; Knowlton, F. H. 2377.
- *Modiolus*; Dall, W. H. 2213.
- *Papyridea*; Dall, W. H. 2213.
- *Picea*; Knowlton, F. H. 2377.
- harrisi** *Oliva*; Martin, G. C. 2441.
- *Pyrula*; Martin, G. C. 2441.
- hastata** *Neuropteris*; White, D. 2727.
- hatcheri** *Baëus*; Hay, O. P. 2321.
- haueri** *Barroisiceras*; Hyatt, A. 2346.
- Heilprinia** n. gen. Grabau, A. W. 2301.
- heintzeli** *Isocardia*; Wolleemann, A. 2745.
- helicoides** *Chemnitzia*; Scalia, S. 2575.
- helios** *Ostrea*; Wolleemann, A. 2745.
- hendersonii** *Chione*; Dall, W. H. 2209.
- heracleus** *Phacoides*; Dall, W. H. 2209.
- hesternus** *Placerina*; Lucas, F. A. 2426.
- hexagonale** *Retiphycus*; Ulrich, E. O. 2701.
- hexagonalis** *Sphyraenodus*; Koch, A. 2378.
- hexagonus** *Tristylotus*; Parke, W. A. 2504.

- hilberi* Pecten; Michailovskij, G. P. 2460.
hilgendorfi Torpedo; Jaekel, O. 2353.
hillii Pitaria; Dall, W. H. 2209.
himerta Venericardia; Dall, W. H. 2209.
hindi Promyalina; Kittl, E. 2371.
hintzai Phylloceras; Prinz, G. 2535.
hirundo Aporrhais; Sturm, F. 2677.
hispanica Heinzia; Hyatt, A. 2346.
holliana Xestoleberis; Chapman, F. 2174.
holnesii Rhynchonella; Dall, W. H. 2209.
hookeri Cupressinoxylon; Arber, E. A. N. 2082.
hoplitoides Acanthoceras; Lasswitz, R. 2402.
howardensis Clavulites; Girty, G. H. 2295.
howitti Bankivia; Pritchard, G. B. 2536.
huberti Avicula; Hoyer. 2340.
hudsonica Camarotoechia; Grabau, A. W. 2300.
Hughmilleria n. gen. Searle, C. J. 2602.
Hugia n. gen. Buckman, S. S. 2150.
humile Lytoceras; Prinz, G. 2535.
humilis Carcharodon; Koch, A. 2379.
———— Ceratites; Philippi, E. 2517.
hungarica n. var. *Lamna macrota*; Koch, A. 2379.
hungaricus Inoceramus; Pálffy, M. 2499.
huntingtonensis Oriostoma; Kindle, E. M. and Breger, C. L. 2370.
hyatti Trachyceras; Smith, J. P. 2639.
hybrida Carpinus; Winkler, H. 2738.
hystrix Glossograptus; Ruedemann, R. 2567.
idoneum Deltoiodoceras; Buckman, S. S. 2150.
ignolea Isocardia; Glenn, L. C. 2296.
impolita Ludwigella; Buckman, S. S. 2150.
impressus Phacops; Lake, P. 2391.
inaequivalvis Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
incertus Didymograptus; Ruedemann, R. 2567.
incidens Carcharias; Eastman, C. R. 2242.
incisa Pseudocucullaea; Solger, F. 2642.
incisum Placentoceras; Hyatt, A. 2346.
———— Toxolioceras; Buckman, S. S. 2150.
inclusum Graphoceras; Buckman, S. S. 2150.
incompletus Latirus; Oppenheim, P. 2491.
incrustans Milleaster; Ulrich, E. O. 2702.
indianensis Encrinurus; Kindle, E. M. and Bregar, C. L. 2370.
inflata Microporella; Ulrich, E. O. and Bassler, R. S. 2704.
inflata Oedania; Buckman, S. S. 2150.
inflexum Heliophyllum; Greene, G. K. 2304.
Inoceramya n. gen. Ulrich, E. O. 2701.
inops Reynesella; Buckman, S. S. 2150.
inornata n. var. *Bulimina trigona*; Chapman, F. 2171.
———— Chrysemys; Loomis, F. S. 2519.
inscriptum Metengonoceras; Hyatt, A. 2346.
intensus Phacoides; Dall, W. H. 2209.
intercedens Perisphinctes; Ilovalsky, D. 2347.
intercellata n. var. *Homotrypa wortheni*; Bassler, R. S. 2097.
intermedius Ceratites; Philippi, E. 2517.
———— Erycites; Prinz, G. 2535.

- interrupta** Mysidioptera; Broili, F. 2131.
- n. var. *Vaginulina schloenbachii*; Chapman, F. 2172.
- intortus** Zaphrentis; Greene, G. K. 2304.
- intricatus** Desmograptus; Ruedemann, R. 2567.
- invaginatus** Zaphrentis; Greene, G. K. 2304.
- involutus** Erycites; Prinz, G. 2535.
- ionensis** Lithophaga; Glenn, L. C. 2296.
- Modiolus; Glenn, L. C. 2296.
- isis** Zeuglodon; Andrews, C. W. 2074.
- isocardioides** Ceromya; Sturm, F. 2677.
- istedana** Notochampsia; Broom, R. 2147.
- isteriana** Nerinea; Toulia, F. 2690.
- jaekeli** Acanthoceras; Solger, F. 2643.
- jamaicensis** Crassatellites; Dall, W. H. 2209.
- Poromya; Dall, W. H. 2209.
- Tivela; Dall, W. H. 2209.
- Verticordia; Dall, W. H. 2209.
- janus** Lucina; Dall, W. H. 2209.
- jenningsi** Notidanus; Chapman, F. and Pritchard, G. B. 2175.
- jervensis** Chonostrophia; Schuchert, C. 2588.
- jonesi** Aechmina; Chapman, F. 2174.
- josephii** Turritella; Scalia, S. 2575.
- juncta** Reynesella; Buckman, S. S. 2150.
- jurassica** Loxoconcha; Chapman, F. 2172.
- justinae** Arca; Wollemann, A. 2743.
- juvensis** Etoblattina; Sellards, E. H. 2613.
- kaffraria** Cytherea; Etheridge, R., jun. 2251.
- kaffrarium** Placentoceras; Etheridge, R., jun. 2251.
- kansasiense** Cardiocarpon; White, D. 2727.
- katzeri** Tmetoceras; Beck, H. 2102.
- kayseri** Clymenia; Drevermann, F. 2231.
- keilhacki** Desmoceras; Wollemann, A. 2744.
- kellneri** Pecten; Kittl, E. 2371.
- kentlandensis** Orthoceras; Kindle, E. M. and Breger, O. L. 2370.
- ketteleri** Drepanura; Monke, H. 2462.
- kieselingswaldensis** Avicula; Sturm, F. 2677.
- kiliani** Schloenbachia; Lasswitz, R. 2402.
- kincaidii** Callocardia; Dall, W. H. 2213.
- klipsteini** Macrodon; Broili, F. 2131.
- kochi** Hammatoceras; Prinz, G. 2535.
- koeneni** Circe; Skrinnikov, A. 2636.
- Hoplitoides; Solger, F. 2643.
- Turritella?; Picard, E. 2520.
- koerferi** Agnostus; Monke, H. 2462.
- kokeni** Delphinula; Picard, E. 2520.
- Loxonema; Picard, E. 2520.
- konincki** Sphenodiscus; Hyatt, A. 2346.
- Krambergeria** n. gen. Simionescu, J. 2635.
- krausei** Linostracina; Monke, H. 2462.
- kubinyiformis** Cristellaria; Wójcik, K. 2740.
- laciniosa** Kiliania; Buckman, S. S. 2150.
- laevicaniculatus** Pachydiscus; Lasswitz, R. 2402.
- laevicingulata** Astarte; Scalia, S. 2575.
- laevigata** Ludwigia; Buckman, S. S. 2150.
- laevigatum** Harpoceras; Prinz, G. 2535.
- laevigatus** Ceratites; Philippi, E. 2517.

- laevis* *Micromaja*; Lörenthey, J. 2409.
- n. var. *Pleurotoma selwyni*; Pritchard, G. B. 2536.
- n. var. *Trophon tetricus*; Martin, G. C. 2441.
- *Worthenia*; Picard, E. 2520.
- Lambropsis* n. gen. Lörenthey, J. 2409.
- lamottense* *Stromatocerium*; Seeley, H. M. 2607.
- lanceolata* *Krambergeria*; Simionescu, J. 2635.
- lanesvillensis* n. var. *Batocrinus davisi*; Greene, G. K. 2304.
- langenhani* *Ammonites*; Sturm, F. 2677.
- lansi* *Teinistion*; Monke, H. 2462.
- lapworthi* *Bryograptus*; Ruedemann, R. 2567.
- lata* *Pandora*; Dall, W. H. 2209.
- latealata* *Gervillia*; Broili, F. 2131.
- lateareata* *Arcoptera*; Broili, F. 2131.
- latelobata* *Tissotia*; Solger, F. 2643.
- latesulcata* *Cytherea*; Oppenheim, P. 2491.
- latidorsatum* *Episageceras*; Noetling, F. 2476.
- latifalcatum* *Harpoceras*; Prinz, G. 2535.
- latifissa* *Mysidioptera*; Broili, F. 2131.
- latifrons* *Microcystes*; Lörenthey, J. 2409.
- latisinuata* *Schizoporella*; Ulrich, E. O. and Bassler, R. S. 2704.
- latum* *Platygraphoceras*; Buckman, S. S. 2150.
- laubei* *Macrodon*; Broili, F. 2131.
- laurenciana* *Sigillaria*; White, D. 2727.
- laxum* n. subsp. *Palaeodictyon magnum*; Ulrich, E. O. 2701.
- laxus* *Diplograptus*; Ruedemann, R. 2567.
- lehmanii* *Quercus*; Hollick, A. 2336.
- lens* *Pseudocucullaea*; Solger, F. 2642.
- lenticulata* *Nicklesia*; Hyatt, A. 2346.
- lentus* *Tetragraptus*; Ruedemann, R. 2567.
- lenzi* *Cardium*; Oppenheim, P. 2491.
- leonhardi* *Bigenerina*; Volz, W. 2711.
- lepta* *Oedania*; Buckman, S. S. 2150.
- levilimbata* *Astarte*; Ilovaïsky, D. 2347.
- levini* *Leda*; Wollelmann, A. 2744.
- levis* *Tripleurocrinus*; Wood, E. 2748.
- liassicum* *Trophon*; Scalia, S. 2575.
- libana* *Homotrypa*; Bassler, R. S. 2097.
- lienenklausi* *Cythere*; Ulrich, E. O. and Bassler, R. S. 2703.
- lilydalensis* *Xestoleberis*; Chapman, F. 2174.
- limatoidea* n. var. *Euomphalopterus alatus*; Kindle, E. M. and Breger, C. L. 2370.
- limatum* *Pseudographoceras*; Buckman, S. S. 2150.
- Limipecten* n. gen. Girty, G. H. 2295.
- limoniana* *Myrtaea*; Dall, W. H. 2209.
- lindhli* *Neuropteris*; White, D. 2727.
- lineata* *Reynesella*?; Buckman, S. S. 2150.
- Linostracina* n. gen. Monke, H. 2462.
- liogona* *Astarte*; Dall, W. H. 2211.
- *Dosinia*; Dall, W. H. 2209.
- liscaviensis* *Adeorbis*; Picard, E. 2520.
- *Turritella*; Picard, E. 2520.
- lissotropis* *Protorcula*; Picard, E. 2520.

- literatum* Pseudographoceras; Buckman, S. S. 2150.
Lithodrumus n. gen. Greene, G. K. 2304.
lobulata Cythere; Chapman, F. 2172.
lőczyi Phylloceras; Prinz, G. 2535.
lőrentheyi Phylloceras; Prinz, G. 2535.
londoniana Carpinus; Winkler, H. 2738.
longicaudata Cytheridea; Chapman, F. 2171.
longicaudatus Diplograptus; Ruedemann, R. 2567.
longipes Stegomus; Emerson, B. K. and Loomis, F. B. 2249.
longula Cytherideis; Ulrich, E. O. and Bassler, R. S. 2703.
loomisi Avicula; Broili, F. 2131.
Lopadoceras n. gen. Buckman, S. S. 2150.
lotzi Phacops; Drevermann, F. 2231.
louisvillensis Favosites; Greene, G. K. 2304.
lovisatoi Hepatinulus; Lőrenthey, I. 2409.
lubrica Littorina; Wollemann, A. 2744.
lőneburgensis Trochus; Wollemann, A. 2745.
luminifera Betula; Winkler, B. 2738.
lunatus Dalmanites; Lake, P. 2391.
lyelli Chama; Dall, W. H. 2209.
macrodon Lutreola; Prentiss, D. W. 2529.
macrognathus Pterodon; Andrews, C. W. 2074.
macrops Glanosuchus; Broom, R. 2134.
macrosiphon Palmoxylon; Stenzel, K. G. W. 2666.
macrospiratus Clavellofusus; Grabau, A. W. 2301.
maculata Lepralia; Ulrich, E. C. and Bassler, R. S. 2704.
magna Dekayia; Cumings, E. R. 2206.
———— Fedaiella; Picard, E. 2520.
———— Gemma; Dall, W. H. 2209.
———— Miliolina; Wójcik, K. 2740.
———— Neritaria; Picard, E. 2520.
magneauritus Pecten; Kittl, E. 2371.
magnifica Hicoria; Knowlton, F. H. 2377.
magnifolia Pterospermites; Knowlton, F. H. 2377.
magnirostris Batocrinus; Greene, G. K. 2304.
magnoliana Codakia; Dall, W. H. 2209.
magnum Saghatherium; Andrews, C. W. 2074.
mágoisyi Hammatoceras; Prinz, G. 2535.
major Geniohyus; Andrews, C. W. 2074.
majusculus Hadrianus; Hay, O. P. 2323.
malacus Proëtus; Lake, P. 2391.
Mantelliceras n. gen. Hyatt, A. 2346.
maraisi Tamboeria; Seeley, H. G. 2605.
marginata Lucya; Buckman, S. S. 2150.
———— Mysidioptera; Broili, F. 2131.
marginiplicatus Pecten; Kittl, E. 2371.
mariana Mesodesma; Glenn, L. C. 2296.
———— Mitra; Martin, G. C. 2441.
———— Odostomia; Martin, G. C. 2441.
———— Surcula; Martin, G. C. 2441.
markgrafi Plagiolophus; Lőrenthey, I. 2409.
marmorea Stokeia; Buckman, S. S. 2150.
marmorensis Diplomystus; Woodward, A. S. 2756.
marshi Baëna; Hay, O. P. 2323.
———— Hyopsodus; Osborn, H. F. 2493.
———— Metacheiromys; Wortman, J. L. 2761.

- martialis** Nuculites; Reed, F. R. C. 2546.
- martini** Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
- Metopoxantho; Man, J. G. de. 2437.
- marylandica** Abra; Glenn, L. C. 2296.
- Amalthea; Martin, G. C. 2441.
- Bornia; Glenn, L. C. 2296.
- Cancellaria; Martin, G. C. 2441.
- Emarginula; Martin, G. C. 2441.
- Erycina; Glenn, L. C. 2296.
- Eulimella; Martin, G. C. 2441.
- Goniobasis; Martin, G. C. 2441.
- Lepralia; Ulrich, E. O. and Bassler, R. S. 2704.
- Lithocampe; Martin, G. C. 2444.
- Macoma; Glenn, L. C. 2296.
- Nassa; Martin, G. C. 2441.
- Odostomia; Martin, G. C. 2441.
- Retusa; Martin, G. C. 2441.
- Rissoa; Martin, G. C. 2441.
- Scala; Martin, G. C. 2441.
- Siphonalia; Martin, G. C. 2441.
- n. var. *Volvula* *iota*; Martin, G. C. 2441.
- marylandicum** Calliostoma; Martin, G. C. 2441.
- Rhopalodictyum; Martin, G. C. 2444.
- marylandicus** Cannartiscus; Martin, G. C. 2444.
- Spongasteriscus; Martin, G. C. 2444.
- massalis** Cellepora; Ulrich, E. O. and Bassler, R. S. 2704.
- matlockensis** Tentaculites; Chapman, F. 2174.
- matura** Heinzia; Hyatt, A. 2346.
- mattewanense** Viburnum; Berry, E. W. 2108.
- mazlea** Isocardia; Glenn, L. C. 2296.
- megalorhinus** Oudenodon; Broom, R. 2144.
- meridionale** Haplophragmium; Chapman, F. 2171.
- Metacheiromys* n. gen. Wortman, J. L. 2761.
- Metasigaloceras* n. gen. Hyatt, A. 2346.
- Metatissotia* n. gen. Hyatt, A. 2346.
- Metengonoceras* n. gen. Hyatt, A. 2346.
- Metoicoceras* n. gen. Hyatt, A. 2346.
- Metopoxantho* n. gen. Man, J. G. de. 2437.
- meyeri** Lima; Woods, H. 2750.
- meyni** Spatangus; Gagel, C. 2285.
- mezi** Pagurus; Lörenthey, I. 2409.
- miatschkowiensis** Belemnites; Ilovaisky, D. 2347.
- Rhynchonella; Ilovaisky, D. 2347.
- micca** Hugia; Buckman, S. S. 2150.
- micra** Ludwigella; Buckman, S. S. 2150.
- Microcystes* n. gen. Lörenthey, I. 2409.
- micula** Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
- milchi** Bigenerina; Volz, W. 2711.
- miljacensis** Avicula; Kittl, E. 2371.
- Milleaster* n. gen. Ulrich, E. C. 2702.
- millegranosa** Astele; Pritchard, G. B. 2536.
- milleri** Rhus; Bollick, A. 2336.
- mimula** Arca; Oppenheim, P. 2491.
- minor** Megalohyrax; Andrews, C. W. 2074.
- Palaeomastodon; Andrews, C. W. 2074.
- minuscula** n. var. *Cythere* *clarkana*; Ulrich, E. O. and Bassler, R. S. 2703.
- miqueli** Nassa; Peyrot. 2516.

- mirabile** Graphoceras ; Buckman, S. S. 2150.
mirabilis Chemnitzia ; Scalia, S. 2575.
mirus Geniohyus ; Andrews, C. W. 2074.
miserrimus Phacops ; Drevermann, F. 2231.
mississippiense Palmoxydon ; Stenzel, K. G. W. 2666.
Mitcherlichia n. gen. Lorenz, T. 2421.
modica n. var. Cythere plebeia ; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— Ludwigella ; Buckman, S. S. 2150.
monensis Sanguinolites ; Hind, W. 2328.
moniliferum Stromatocerium ; Seely, H. M. 2607.
monroensis Pterygotus ; Searle C. J. 2602.
monterosatoi Chiton ; Scalia, S. 2575.
montifera Lepralia ; Ulrich, E. O. and Bassler, R. S. 2704.
montrealensis Chonostrophia ; Schuchert, C. 2588.
muelleri Cyclonotum ; Meunier, F. 2454.
mufferi Stenoptera ; Meunier, F. 2455.
multicostata Fritschia ; Picard, E. 2520.
multinervia Schizoblattina ; Sellards, E. H. 2613.
multiplicans Entalis ; Kittl, E. 2371.
multispinosa Amplexopora ; Cumings, R. R. 2206.
 ——— Hydractinia ; Ulrich, E. O. 2702.
multistriata Mysidioptera ; Broili, F. 2131,
 ——— n. var. Styliola fissurella ; Chapman, F. 2174.
multistriatum Conocardium ; Kindle, E. M. and Breger, C. L. 2370.
mundum Toxolioceras ; Buckman, S. S. 2150.
murrayana Pleurotoma ; Pritchard, G. B. 2536.
Myelophycus n. gen. Ulrich, E. O. 2701.
Myriopora n. gen. Volz, W. 2711.
nachtigali Cytherea ; Oppenheim, P. 2491.
naliwkini Macrodon ; Jakovlev, N. N. 2357.
nasuta Venericardia ; Dall, W. H. 2209.
natalense Eulophoceras ; Hyatt, A. 2346.
natum n. var. Oriostoma huntingtonensis. Kindle, E. M. and Breger, C. L. 2370.
neptunus Archaeolepas ; Scalia, S. 2575.
neritoidea Cancellaria ; Martin, G. C. 2441.
neuvillii Haliotis ; Bial de Bellerade. 2111.
newberryi Placentoceras ; Hyatt, A. 2346.
niagarensis Pholidostrophia ; Kindle, E. M. and Breger, C. L. 2370.
nicklesi Homotrypa ; Bassler, R. S. 2097.
 ——— Pulchellia ; Hyatt, A. 2346.
Nicklesia n. gen. Hyatt, A. 2346.
nieschavensis Astarte ; Skrinnikov, 2636.
nikitiniensis Mytilus ; Ilovaisky, D. 2347.
nikitowkensis Bakewellia ; Jakovlev, 2357.
nitida Homotrypa ; Bassler, R. S. 2097.
nitidula Cythere ; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— Membranipora ; Ulrich, E. O. and Bassler, R. S. 2704.
nodosa Metatissotia ; Hyatt, A. 2346.
nodosum Cytheropteron ; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— Hildoceras ; Prinz, G. 2535.

- Nothamusium* n. gen. Hind, W. 2328.
Notochampea n. gen. Broom, R. 2147.
noveboracensis *Temnograptus*; Ruedemann, R. 2567.
novimexicanum *Coilopoceras*; Hyatt, A. 2346.
novus *Tylocrinus*; Wood, E. 2748.
nutrix *Epiaster*; Lambert, J. 2392.
obeliscus *Chemnitzia*; Scalia, S. 2575.
obesum *Pseudogrammoceras*; Buckman, S. S. 2150.
obliqua *Mysidioptera*; Broili, F. 2131.
 ——— *Pseudocucullaea*; Solger, F. 2642.
obliquum *Heliophyllum*; Greene, G. K. 2304.
oblonga *Cyrene*; Skrinnikov, A. 2636.
 ——— n. var. *Xestoleberis wrightii*; Chapman, F. 2174.
oblongula n. var. *Cythere evax*; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— *Membranipora*; Ulrich, E. O. and Bassler, R. S. 2704.
obtusa *Mangilia*; Martin, G. C. 2441.
obtusiloba n. var. *Mariopteris cordato-ovata*; White, D. 2727.
ocalanus *Phacoides*; Dall, W. H. 2209.
occidentalis *Squatina*; Eastman, C. R. 2242.
occlusum *Hyperlioceras*; Buckman, S. S. 2150.
ocellus *Phacops*; Lake, P. 2391.
Oedania n. gen. Buckman, S. S. 2150.
oehlerti *Trigeria*; Drevermann, F. 2235.
Olbodotes n. gen. Osborn, H. F. 2493.
oolithica *Turritella*?; Picard, E. 2520.
opaca *Ludwigella*; Buckman, S. S. 2150.
Opisthoctenodon n. gen. Broom, R. 2137.
opisthogrammata *Pitaria*; Dall, W. H. 2209.
opulentora *Astarte*; Dall, W. H. 2209.
orahovicensis *Entalis*; Kittl, E. 2371.
orbignyi *Douvilleiceras*; Hyatt, A. 2346.
ornatissima *Conularia*; Chapman, F. 2174.
ornatus *Elonichthys*; Wellburn, E. D. 2726.
osculum *Natica*; Oppenheim, P. 2491.
Osmanoceras n. gen. Kittl, E. 2371.
ottomana *Patella*; Kittl, E. 2371.
otwayensis *Selenaria*; Maplestone, C. M. 2438.
ovalifolia *Caesalpinia*; Hollick, A. 2336.
ovata *Actaeonina*; Picard, E. 2520.
ovatum *Palmoxylon*; Stenzel, K. G. W. 2666.
oweni *Conocardium*; Kindle, E. M. and Breger, C. L. 2370.
oxycarpa *Carpinus*; Winkler, H. 2738.
Paineia n. gen. Buckman, S. S. 2150.
palachei *Corylus*?; Knowlton, F. H. 2377.
 ——— *Terebellina*; Ulrich, E. O. 2701.
 ——— *Yoldia*; Dall, W. H. 2213.
palliatum *Prospondylus*; Broili, F. 2131.
palma *Cytherea*; Oppenheim, P. 2491.
pannonicus *Cladus*; Koch, A. 2378.
papilionacea *Odontopteris*; White, D. 2727.
papillosa *Pleurophorella*; Girty, G. H. 2295.
paradoxa *Biloculina*; Wójcik, K. 2740.
Paradoxorhyncha n. gen. Chapman, F. 2172.
paralacten *Arca*; Oppenheim, P. 2491.

- parallelum* Macrodon; Ilvinsky, D. 2347.
- Paratissotia* n. gen. Hyatt, A. 2346.
- Parelops* n. gen. Bayer, F. 2101.
- parkeria* Chione; Glenn, L. C. 2296.
- parma* Astarte; Dall, W. H. 2209.
- paronae* Cycloseris; Bellini, R. 2104.
- paronai* Gervillia; Broili, F. 2131.
- particostata* Cottesswoldia; Buckman, S. S. 2150.
- partschi* Erycites; Prinz, G. 2535.
- parvicostata* Oedania; Buckman, S. S. 2150.
- parvoidea* Mangilia; Martin, G. C. 2441.
- parvula* Membranipora; Ulrich, E. O. and Bassler, R. S. 2704.
- parvulum* Heliophyllum; Greene, G. K. 2304.
- patelliformis* Porosphaera; Hinde, G. J. 2329.
- patuxentensis* Chrysodomus; Martin, G. C. 2441.
- patuxentia* Cancellaria; Martin, G. C. 2441.
- Mangilia; Martin, G. C. 2441.
- Sportella; Glenn, L. C. 2296.
- Terebra; Martin, G. C. 2441.
- n. var. *Volvula* *iota*; Martin, G. C. 2441.
- patuxentium* Caecum; Martin, G. C. 2441.
- Cardium; Glenn, L. C. 2296.
- paucicamerata* Amphoreopsis; Crick, G. C. 2205.
- paucicostata* Cottesswoldia; Buckman, S. S. 2150.
- Fritschia; Picard, E. 2520.
- paucipunctata* Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
- paxii* Carpinus; Winkler, H. 2738.
- pearstonensis* Prodicynodon; Broom, R. 2137.
- peninsularis* Margarites; Dall, W. H. 2213.
- pentangulatus* Ptychocynodon; Seely, H. G. 2604.
- peraltoides* Nassa; Martin, G. C. 2441.
- perambigua* Cytherea; Oppenheim, P. 2491.
- peramplus* Turritites; Lasewitz, R. 2402.
- perczeli* Erycites; Prinz, G. 2535.
- perflexilis* Goniograptus; Ruedemann, R. 2567.
- perkéo* Nucula; Oppenheim, P. 2491.
- perkinsi* Cryptozoon; Seely, H. M. 2607.
- permiana* Promathildia?; Kittl, E. 2371.
- peronae* Cerithium; Scalia, S. 2575.
- peroni* Neolobites; Hyatt, A. 2346.
- Subtissotia; Hyatt, A. 2346.
- perplanum* Phylloceras; Prinz, G. 2535.
- perstriatula* Cytherea; Oppenheim, P. 2491.
- pertenera* Codakia; Dall, W. H. 2209.
- pertenuis* Rhynchodus; Eastman, C. R. 2240.
- pervinquieri* Membranipora; Canu, T. 2160.
- petrodavae* Caranx; Simionescu, J. 2635.
- phaneroporata* Ascosoma; Lorenz, T. 2421.
- philippii* Pseudotissotia; Solger, F. 2643.
- phosphatica* Gafsachelys; Stefano (De), G. 2660.
- phosphaticus* Pliosaurus?; Stefano (De), G. 2660.
- picteti* Mantelliceras; Hyatt, A. 2346.
- piettei* Avicula; Scalia, S. 2575.
- piluliformis* Phacoides; Dall, W. H. 2209.

- piscatoria* Atrina; Glenn, L. C. 2296.
- piassaroi* Tectura; Peyrot. 2516.
- pittsfordensis* Eurypterus; Searle, C. J. 2602.
- Placerias* n. gen. Lucas, F. A. 2426.
- plana* Marmolatella; Picard, E. 2320.
- Oriostoma; Kindle, E. M. and Breger, C. L. 2370.
- planaris* Darellina; Buckman, S. S. 2150.
- planata* Gevillia; Broili, F. 2131.
- Mysidioptera; Broili, F. 2131.
- planibasalis* Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
- planum* Placenticeras; Hyatt, A. 2346.
- Protengonoceras; Hyatt, A. 2346.
- platystropha* Clavella; Pritchard, G. S. 2536.
- plebeia* Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
- Pleurophorella* n. gen. Girty, G. H. 2295.
- plieningeri* Pachycardia; Broili, F. 2131.
- pliocaenus* Lates; Koch, A. 2378.
- podagrinus* Phacoides; Dall, W. H. 2209.
- polaris* Astarte; Dall, W. H. 2211.
- polygona* Tissotia; Solger, F. 2643.
- pompeckji* Macrocephalites; Madsen, V. 2433.
- pondensis* Pulvinulina; Chapman, F. 2171.
- popofianus* Saxidomus; Dall, W. H. 2213.
- porcella* Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
- porosum* Palmoxylon; Stenzel, K. G. W. 2666.
- posthuma* Rensselaeria; Fuchs, A. 2281.
- pracaensis* Pecten; Kittl, E. 2371.
- praeciliata* Microporella; Ulrich, E. O. and Bassler, R. S. 2704.
- praecipecta* n. var. Homotrypa curvata; Bassler, R. S. 2097.
- praecisa* Venericardia; Dall, W. H. 2209.
- praecox* Dithyrocaris; Chapman, F. 2174.
- praecruciatu* Clanculus; Michailovskij, G. P. 2460.
- praecursor* Sigmagraptus; Ruedemann, R. 2567.
- praegibba* Corbula; Oppenheim, P. 2491.
- praemontana* Pinus; Mogan, L. 2461.
- prazakii* Parellops; Bayer, F. 2101.
- precursor* Crepidula; Dall, W. H. 2213.
- prenasalis* Crocodilus; Loomis, F. B. 2419.
- prestoni* Cardita; Dall, W. H. 2209.
- prior* Neritaria; Picard, E. 2520.
- priscus* Ceriocrinus; Greene, G. K. 2304.
- Pristerognathus* n. gen. Broom, R. 2134.
- pritchardi* Ceratiocaris; Chapman, F. 2174.
- Prodicynodon* n. gen. Broom, R. 2137.
- producta* Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
- projecta* Braunsina; Buckman, S. S. 2150.
- prolixus* Zaphrentis; Greene, G. K. 2304.
- prominens* n. var. Homotrypa wortheni; Bassler, R. S. 2907.
- Promyalina* n. gen. Kittl, E. 2371.
- prosephina* Entomis; Loomis, F. B. 2418.
- prosalinensis* Avicula; Broili, F. 2131.
- Protocetus* n. gen. Fraas, E. 2272.
- protocommunis* n. var. Pleurotoma communis; Martin, G. C. 2441.
- Protophyllocladus* n. gen. Berry, E. W. 2107.
- Protopora* n. gen. Greene, G. K. 2304.

- Protrochiscolithus* n. gen. Kiaer, J. 2367.
- proxima* Reticularia; Kindle, E. M. and Breger, C. L. 2370.
- pruna* Erycina; Glenn, L. C. 2296.
- prunensis* Callocardia; Glenn, L. C. 2296.
- prunicola* Cancellaria; Martin, G. C. 2441.
- Scala; Martin, G. C. 2441.
- prunus* Phacoides; Dall, W. H. 2209.
- Pseudaspidoceras* n. gen. Hyatt, A. 2346.
- Pseudocucullaea* n. gen. Solger, F. 2642.
- pseudolatifrons* Proetus; Reed, F. R. C. 2548.
- pseudorbignyanum* Placenticeras; Hyatt, A. 2346.
- ptychitum* Myoconcha; Kittl, E. 2371.
- Ptychocynodon* n. gen. Seeley, H. G. 2604.
- pulchelliformis* Heinzia; Hyatt, A. 2346.
- pulcher* Pleuronautilus; Crick, G. C. 2204.
- pulchra* Homoytrypa; Bassler, R. S. 2097.
- punctata* Palmicellaria; Ulrich, E. O. and Bassler, R. S. 2704.
- Protorcula; Picard, E. 2520.
- punctistriata* Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
- pungens* Climacograptus; Ruedemann, R. 2567.
- pupillus* Phacops; Lake, P. 2391.
- pusillus* Bryograptus; Ruedemann, R. 2567.
- Diplocaulus; Broili, F. 2132.
- pustulosus* Pterinopecten; Hind, W. 2328.
- pygmaea* Astrocoenia; Felix, J. 2254.
- pygmaeus* Tetragraptus; Ruedemann, R. 2567.
- pyramidalis* n. var. *Drillia limatula*; Martin, G. C. 2441.
- pyramis* Chemnitzia; Scalia, S. 2575.
- quadricostatus* Phacoides; Dall, W. H. 2209.
- quattuornodosa* Schloenbachia; Lesswitz, R. 2402.
- quernus* Homalonotus; Lake, P. 2391.
- radiatum* Nothamusium; Hind, W. 2328.
- ramulosa* Homotrypa; Bassler, R. S. 2097.
- rasile* Lytoceras; Prinz, G. 2535.
- readi* Mysidioptera; Broili, F. 2131.
- recessa* Sportella; Glenn, L. C. 2296.
- recta* Myoconcha; Broili, F. 2131.
- rectecostatum* Loxonema; Picard, E. 2520.
- rectilineatus* Trypanostylus; Picard, E. 2520.
- recticostata* Darellella; Buckman, S. S. 2150.
- rectilineatum* Dictyonema; Ruedemann, R. 2567.
- rectistriata* Sigillaria; White, D. 2727.
- recurrens* Phacoides; Dall, W. H. 2209.
- reflua* Crickia; Buckman, S. S. 2150.
- regale* Pseudogrammoceras; Buckman, S. S. 2150.
- regularis* Megistocrinus; Wood, E. 2748.
- Paratissotia; Hyatt, A. 2346.
- reichenau* Ronzotherium; Deninger, K. 2219.
- reinachi* Ptychogaster; Roger, O. 2561.
- remotum* Palmoxydon; Stenzel, K. G. W. 2666.
- reticulata* Scala; Martin, G. C. 2441.
- reticulatoides* Cancellaria; Martin, G. C. 2441.
- Retiphycus* n. gen. Ulrich, E. O. 2701.

- retroflexa* Myoconcha ; Broili, F. 2131.
- retrorsicostatus* Erycites ; Prinz, G. 2535.
- reversa* Lepralia ; Ulrich, E. O. and Bassler, R. S. 2704.
- Rhaeboceras* n. gen. Buckman, S. S. 2150.
- rhodia* Chione ; Dall, W. H. 2209.
- rhombicum* Cancellophycus ; Ulrich, E. O. 2701.
- rhomboidea* Mactra ; Oppenheim, P. 2491.
- rhomboideus* Tristylotus ; Parks, W. A. 2504.
- Rhopalithes* n. gen. Grabau, A. W. 2301.
- richmondensis* Homotrypa ; Bassler, R. S. 2097.
- richthofeni* Stephanocare ; Monke, H. 2462.
- rickardia* Erycina ; Glenn, L. C. 2296.
- robertsi* Phacops ; Reed, F. R. C. 2547.
- robusta* n. var. *Hughmilleria socialis* ; Searle, C. J. 2602.
- robustella* Rensselaeria ; Fuchs, A. 2281.
- robustum* Graphoceras ; Buckman, S. S. 2150.
- robustus* Chonetes ; Raymond, P. E. 2543.
- rodburgensis* Reynesella ? ; Buckman, S. S. 2150.
- roemeri* Schloenbachia ; Lasswitz, R. 2402.
- rosae* Betula ; Winkler, H. 2738.
- rostratum* Aphaneramma ; Woodward, A. S. 2754.
- rotabilis* Braunsella ? ; Buckman, S. S. 2150.
- rothpletzi* Gervillia ; Broili, F. 2131.
- rotunda* Mysidioptera ; Broili, F. 2131.
- rotundula* Kellia ; Glenn, L. C. 2296.
- rugipunctata* Cythere ; Ulrich, E. O. and Bassler, R. S. 2703.
- rugoides* Rhopalithes ; Grabau, A. W. 2301.
- rugosa* Ludwigella ; Buckman, S. S. 2150.
- rugulosa* Myoconcha ; Kittl, E. 2371.
- rupert-jonesi* Eriphyla ; Etheridge, R., jun. 2251.
- russelli* Flemingites ; Smith, J. P. 2639.
- saharae* Plesiolampas ; Bather, F. A. 2099.
- salomoni* Avicula ; Broili, F. 2131.
- salpinx* Rhynchonella ; Dall, W. H. 2209.
- sancarlosense* Placenticeras ; Hyatt, A. 2346.
- santarosana* Lucina ; Dall, W. H. 2209.
- Transennella ; Dall, W. H. 2209.
- sarajevensis* Pecten ; Kittl, E. 2371.
- saundersi* Phyllites ; Knowlton, F. H. 2377.
- scabrissima* Lima ; Woods, H. 2750.
- Scapanodon* n. gen. Broom, R. 2145.
- sceleta* Canavarella ; Buckman, S. S. 2150.
- schafarziki* Erycites ; Prinz, G. 2535.
- schøtzii* n. var. *Agnostus gibbus* ; Brogger, W. C. 2129.
- Schizoblattina* n. gen. Sellards, E. H. 2613.
- Schizospondylus* n. gen. Bayer, F. 2101.
- schlosseri* Microsyops ; Wortman, J. L. 2761.
- schlüteri* Placenticeras ; Hyatt, A. 2346.
- Schluetericeras* n. gen. Hyatt, A. 2346.
- schmeisseri* Lima ; Wollemaun, A. 2745.
- schrammeni* Fusus ; Wollemaun, A. 2744.
- schucherti* ArgYROtheca ; Dall, W. H. 2209.
- schuschaensis* Carpinus ; Winkler, H. 2738.

- schweinfurthi* Pseudoliva; Oppenheim, P. 2491.
 ——— Fajunia; Stromer, E. 2673.
- scitula* Venericardia; Dall, W. H. 2209.
- scotti* Telangium; Benson, M. 2105.
- scrobiculata* Pieris; Hollick, A. 2336.
- sculptus* n. var. *Batocrinus davisi*; Greene, G. K. 2304.
- segnis* Pseudotissotia; Solger, F. 2641.
- seisiana* Avicula; Broili, F. 2131.
 ——— Cucullaea; Broili, F. 2131.
- selwyni* Pleurotoma; Pritchard, G. B. 2536.
- semicircularis* Cytherideis; Ulrich, E. O. and Bassler, R. S. 2703.
- semicultrata* Primitia; Chapman, F. 2174.
- semiimpressa* Buchiola; Drevermann, F. 2231.
- semilevis* Braunsella; Buckman, S. S. 2150.
- seminuda* n. var. *Cristellaria costata*; Chapman, F. 2172.
- semseyi* Phylloceras; Prinz, G. 2535.
- serratulus* Cantharidus; Pritchard, G. B. 2536.
- servorum* Natica; Oppenheim, P. 2491.
- Seymouria* n. gen. Broili, F. 2132.
- shallochensis* Illaenus; Reed, F. R. C. 2548.
- Sharpeiceras* n. gen. Hyatt, A. 2346.
- shastense* Trachyceras; Smith, J. P. 2639.
- shattucki* Cythere?; Ulrich, E. O. and Bassler, R. S. 2703.
- shepardi* Cytherea; Dall, W. H. 2209.
- sigaretina* Calyptraea; Oppenheim, P. 2491.
- Sigmagraptus* n. gen. Ruedemann, R. 2567.
- signata* Prestwichia; Beecher, C. E. 2103.
- signifrons* Rhynchonella; Kittl, E. 2371.
- siluriana* Whitella?; Kindle, E. M. and Bregar, C. L. 2370.
- simonellii* Cerithium; Scalia, S. 2575.
- simplex* Venericardia; Dall, W. H. 2209.
- simulana* Gennaeocrinus; Greene, G. K. 2304.
- sincera* Callocardia; Dall, W. H. 2209.
- sobria* Ficula; Oppenheim, P. 2491.
- socialis* Hughmilleria; Searle, C. J. 2602.
- Soenopaea* n. gen. Stromer, E. 2673.
- sodeni* Teinistion; Monke, H. 2462.
- sokolovi* Turritella; Michailovskij, G. P. 2460.
- solanderi* Clavilithes; Grabau, A. W. 2301.
- soror* Astarte; Dall, W. H. 2211.
- spada* Chione; Dall, W. H. 2209.
- sparthensis* Eoscorpius; Baldwin, W. and Sutcliffe, W. H. 2092 and 2093.
- speciosa* Erycina; Glenn, L. C. 2296.
- spenceri* Cyathodonta; Dall, W. H. 2209.
- sphaeralis* Megistocrinus; Wood, E. 2748.
- sphaeroidica* Neritaria; Picard, E. 2520.
- sphaeriolus* Phacoides; Dall, W. H. 2209.
- spillmani* Placenticeras; Hyatt, A. 2346.
- spinifera* n. var. *Homotrypa flabellaris*; Bassler, R. S. 2097.
- spiniplicata* Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
- spinosa* Sagrina; Bagg, R. M., jun. 2091.
- spinosus* Ceratites; Philippi, E. 2517.
- spinosum* Hammatoceras; Prinz, G. 2535.
- spinosus* Didymograptus; Ruedemann, R. 2567.

- spinulosa* Codakia; Dall, W. H. 2209.
spiralis Gilbertina; Ulrich, E. S. 2701.
spiratus Clavellofusus; Grabau, A. W. 2301.
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 ——— Homotrypa; Bassler, R. S. 2097.
springeri Coilopoceras; Hyatt, A. 2346.
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smith woodwardi Elopopsis; Bayer, F. 2101.
stantonensis Capitosaurus; Woodward, A. S. 2754.
stantoni Placentoceras; Hyatt, A. 2346.
 ——— Sphenodiscus; Hyatt, A. 2346.
stenomphalum Hammatoceras; Prinz, G. 2535.
Stenoptera n. gen. Meunier, F. 2455.
Stephanocare n. gen. Monke, H. 2462.
stephensi Vacekia; Buckman, S. S. 2150.
sternbergi Cardiocephalus; Broili, F. 2132.
stipulata Carpinus; Winkler, H. 2738.
Stokeia n. gen. Buckman, S. S. 2150.
stonesfieldensis Podozamites; Seward, A. C. 2620.
stoppanii Cerithium; Scalia, S. 2575.
Streptomytilus n. gen. Kindle, E. M. and Breger, C. L. 2370.
striata Mysidioptera; Broili, F. 2131.
 ——— n. var. Polymorphina compressa; Bagge, R. M., jun. 2091.
 ——— Turritella; Picard, E. 2520.
- striatopora* Crisina; Ulrich, E. O. and Bassler, R. S. 2704.
strigatus Zaphrentis; Greene, G. K. 2304.
Strophograptus n. gen. Ruedemann, R. 2567.
stümcki Holaster; Wollemann, A. 2745.
Styracoceras n. gen. Hyatt, A. 2346.
subacuta Stokeia; Buckman, S. S. 2150.
subaequalis Cytherideis; Ulrich, E. O. and Bassler, R. S. 2703.
subantiqua Palaeoneilo; Reed, F. R. C. 2546.
subcarinata Columbella; Oppenheim, P. 2491.
 ——— Tudicla; Sturm, F. 2677.
subcentralis Zaphrentis; Greene, G. K. 2304.
subconcentricus Pecten; Kittl, E. 2371.
subcrassa Helminthoida; Ulrich, E. O. 2701.
subcutiformis Pecten; Kittl, E. 2371.
subjectus Engonoceras; Hyatt, A. 2346.
subobsoleta Ludwigella; Buckman, S. S. 2150.
subornatum Dissoroceras; Buckman, S. S. 2150.
subovalis Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— Membranipora; Canu, T. 2160.
subovata Cytheridea; Ulrich, E. O. and Bassler, R. S. 2703.
subplanum Roemeroceras; Hyatt, A. 2346.
Subpulchellia n. gen. Hyatt, A. 2346.
subpunctata Badiotella; Broili, F. 2131.
subquadrata Braunsina; Buckman, S. S. 2150.
 ——— Schizoporella; Ulrich, E. O. and Bassler, R. S. 2704.
subramosus Milleaster; Ulrich, E. O. 2702.

- subcalaris* Clavilithes; Grabau, A. W. 2301.
substriatula Leda; Oppenheim, P. 2491.
Subtissotia n. gen. Hyatt, A. 2346.
subuniplicatus Cosmolithes; Grabau, A. W. 2301.
succulentus Dendrograptus; Ruedemann, R. 2567.
sudanensis Hemiaster; Bather, F. A. 2099.
sudetica Natica; Sturm, F. 2677.
 ——— Venus. Sturm, F. 2677.
subaënsis Bellerophon; Kittl, E. 2371.
sulcata Posidoniella; Hind, W. 2328.
sulcatus Phacops; Drevermann, F. 2231.
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Sumatrina n. gen. Volz, W. 2711.
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suspecta Sigillaria; White, D. 2727.
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szajnochae Spirulirostra; Wójcik, K. 2740.
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Tamboeria n. gen. Seeley, H. G. 2605.
tampaensis Chama; Dall, W. H. 2209.
tanicus Crassatellites; Dall, W. H. 2209.
Tectospira n. gen. Picard, E. 2520.
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Tegoceras n. gen. Hyatt, A. 2346.
Teinistion n. gen. Monke, H. 2462.
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tenuicostata Naticella; Picard, E. 2520.
tenuis Ludwigella; Buckman, S. S. 2150.
tenuissimus Pilograptus; Ruedemann, R. 2567.
Terebellina n. gen. Ulrich, E. O. 2701.
terquemi Macrodon; Scalia, S. 2575.
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texanus Limipecten; Girty, G. H. 2295.
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thiisphila Astarte; Glenn, L. C. 2296.
tirolense Hildoceras; Prinz, G. 2535.
tirolensis Arca; Broili, F. 2131.
tithonis Phacoides; Dall, W. H. 2209.
törnquisti Didymograptus; Ruedemann, R. 2567.
Tolypeceras n. gen. Hyatt, A. 2346.
toma Canavarella; Buckman, S. S. 2150.
tortum Rhaeboceras; Buckman, S. S. 2150.
toxeres Darellia; Buckman, S. S. 2150.
transiens Archaeopteropus; Meschinelli, L. 2453.
 ——— Phyllocoenia; Felix, J. 2254.
transversa Chlamys; Ugolini, R. 2700.

<i>transversus</i>	Nothamusium ; Hind, W. 2328.	<i>tunisiensis</i>	Pseudotissotia ? ; Hyatt, A. 2346.
<i>trebevićianus</i>	Pecten ; Kittl, E. 2371.	<i>tuomeyi</i>	Cythere ; Ulrich, E. O. and Bassler, R. S. 2703.
<i>triangulare</i>	Deltotoceras ; Buckman, S. S. 2150.	————	Phacoides ; Dall, W. H. 2209.
<i>triangulatus</i>	Crassatellites ; Dall, W. H. 2209.	<i>turcica</i>	Entalis ; Kittl, E. 2371.
<i>trichomanes</i>	Strophograptus ; Ruedemann, R. 2567.	<i>turcicus</i>	Productus ; Kittl, E. 2371.
<i>tricostata</i>	Ecphora ; Martin, G. C. 2441.	<i>turgidula</i>	Avicula ; Scalia, S. 2575.
<i>trigodon</i>	Moeritherium ; Andrews, C. W. 2074.	<i>turonica</i>	n. var. Cyllene desnoyersi ; Peyrot. 2516.
<i>trigona</i>	Gemma ; Dall, W. H. 2209.	<i>tutcheri</i>	Brasilina ; Buckman, S. S. 2150.
<i>trigoniceps</i>	Oudenodon ; Broom, R. 2138.	<i>Tylocrinus</i>	n. gen. Wood, E. 2748.
<i>trilabiatum</i>	Phylloceras ; Prinz, G. 2535.	<i>ucattana</i>	Cytherea ; Dall, W. H. 2209.
<i>trilobatum</i>	Conchidium ; Kindle, E. M. and Breger, C. L. 2370.	<i>uintensis</i>	Hyopsodus ; Osborn, H. F. 2493.
<i>Tripleurocrinus</i>	n. gen. Wood, E. 2748.	<i>ukrainica</i>	Venus ; Michailovskij, G. P. 2460.
<i>triptycha</i>	Opis ; Kittl, E. 2371.	<i>ulmensis</i>	Ophisaurus ; Gerhardt, K. 2290.
<i>triqueter</i>	Galeocерdo ; Eastman, C. R. 2242.	<i>umkwelanensis</i>	n. var. Actaeonina atherstonei ; Etheridge, R., jun. 2251.
<i>triserratus</i>	Edestus ; Newton, E. T. 2471.	————	Placenticeras ; Etheridge, R., jun. 2251.
<i>trispinosus</i>	Typilobus ; Lörenthey, I. 2409.	————	n. var. Protocardium hillanum ; Etheridge, R., jun. 2251.
<i>Tristylotus</i>	n. gen. Parks, W. A. 2504.	————	Trigonia ; Etheridge, R., jun. 2251.
<i>Triticites</i>	n. gen. Girty, G. H. 2294.	<i>undulatum</i>	Osmanoceras ; Kittl, E. 2371.
<i>Tropidocyclas</i>	n. subgen. Dall, W. H. 2210.	<i>ungane</i>	Crepidula ; Dall, W. H. 2213.
<i>truncata</i>	Edmondia ; Hind, W. 2328.	<i>utica</i>	Transennella ; Dall, W. H. 2209.
<i>tschapitana</i>	Cucullaea ; Broili, F. 2131.	<i>vaga</i>	Helminthoida ; Ulrich, E. O. 2701.
<i>tuberata</i>	Kiliania ; Buckman, S. S. 2150.	<i>vagum</i>	Cardioceras ; Ilovaisky, D. 2347.
<i>tuberatus</i>	Megistocrinus ; Wood, E. 2748.	<i>valotieri</i>	Codiopsis ; Lambert, J. 2393.
<i>tuberculata</i>	Carstenia ; Hyatt, A. 2346.	<i>vancouverensis</i>	Hemiaster ; Whiteaves, J. F. 2729.
<i>tuberculatus</i>	Clavellofusus ; Grabau, A. W. 2301.	<i>Varanosaurus</i>	n. gen. Broili, F. 2132.
<i>tuberculoides</i>	Rhopalithes ; Grabau, A. W. 2301.	<i>varicosus</i>	Euomphalus ; Drevermann, F. 2231.

- vaughani** Cardita ; Dall, W. H. 2209.
 ——— Cythere ; Ulrich, E. O. and Bassler, R. S. 2703.
vectensis Lima ; Woods, H. 2750.
vendryesi Codakia ; Dall, W. H. 2209.
venticolus Notharctus ; Osborn, H. F. 2493.
verbeeki Myriopora ; Volz, W. 2711.
vermiculata Myrtaea ; Dall, W. H. 2209.
vermiforme Lophophyllum ; Tornquist, A. 2688.
vernicoxa Astarte ; Dall, W. H. 2211.
veryi Lithodrumus ; Greene, G. K. 2304.
vetuloides Tapes ; Michailovskij, G. P. 2460.
vevayensis Eridotrypa ; Cumings, E. R. 2206.
vibrata Ludwigella ; Buckman, S. S. 2150.
vicksburgiana Cyathodonta ; Dall, W. H. 2209.
 ——— Venericardia ; Dall, W. H. 2209.
victoria Chione ; Dall, W. H. 2209.
victoriae Aptychopsis ; Chapman, F. 2174.
vidali Palaeontina ; Meunier, F. 2456.
vinarensis Tachynectes ; Bayer, F. 2101.
virida Grenella ; Glenn, L. C. 2296.
vixareata Arcoptera ; Broili, F. 2131.
vogdesi Ceratites ; Smith, J. P. 2639.
vogti Goniomya ; Sturm, F. 2677.
volzi Hildoceras ; Prinz, G. 2535.
waageni Orthoceras ; Kittl, E. 2371.
wabashensis Anodontopsis ; Kindle, E. M. and Breger, C. L. 2370.
 ——— Streptomytilus ; Kindle, E. M. and Breger, C. L. 2370.
waccamawensis Phacoides ; Dall, W. H. 2209.
wacissanus Phacoides ; Dall, W. H. 2209.
wähneri Avicula ; Kittl, E. 2371.
wagneri Astarte ; Dall, W. H. 2209.
wailesii Lirodiscus ; Dall, W. H. 2209.
wanneri Lambropsis ; Lörenthey, I. 2409.
weissermeli Pleurotomaria ; Wolle-
mann, A. 2744.
wernickei Hamites ; Wolle-
mann, A. 2745.
whitei Metoicoceras ; Hyatt, A. 2346.
whitfieldi Drillia ; Martin, G. C. 2441.
 ——— Placentoceras ; Hyatt, A. 2346.
 ——— n. var. Terebra curvilineata ;
Martin, G. C. 2441.
wilcoxensis Venericardia ; Dall, W. H. 2209.
williamsi Strophonella ; Kindle, E. M. & Breger, C. L. 2370.
willcoxi Cytherea ; Dall, W. H. 2209.
Wiltshireia n. gen. Buckman, S. S. 2150.
wintonensis Lima ; Woods, H. 2750.
woodi Tetragraptus ; Ruedemann, R. 2567.
wortmani Hyopsodus ; Osborn, H. F. 2493.
wrighti Modiola ; Hind, W. 2328.
wuriana Pleurotoma ; Oppenheim, P. 2491.
 ——— Thracia ; Oppenheim, P. 2491.
wysogorskyi Turritites ; Lasswitz, R. 2402.
wysogorskyi Bigenerina ; Volz, W. 2711.
xesta Chione ; Dall, W. H. 2209.
zeisei Cerithium ; Wolle-
mann, A. 2744.
 ——— Maretia ; Gagel, C. 2285.
zeltbergensis Pentacrinus ; Wolle-
mann, A. 2745.

zenaldae	Cardioceras; Novaïsky, D. 2347.	|	zintgrafi	Olivella; Oppenheim, P. 2491.
zezii	Chemnitzia; Scalia, S. 2575.	|	zitteli	Chiton; Scalia, S. 2575. Lima; Broili, F. 2131.
zimmermanni	Prospondylus; Broili, F. 2131.	|	zulu	Mactra; Etheridge, R., jun. 2251.

ERRATA.

THIRD ANNUAL ISSUE.

p. 14, first column, for 9431 read 0431.

p. 151, first column, after line 13, insert :

AMPHIGRAPTUS [Graptolitoidea].

———— *distans*. Elles, G. L. & Wood, E. M. R. 1507.

p. 193, for 6500.76 read 6500.75.

p. 208, first column, after line 21, insert : distans Amphigraptus; Elles, G. L. & Wood, E. M. R. 1507.

p. 153, second column, 10 lines from the bottom, insert :

NEMAGRAPTUS [Graptolitoidea].

———— *gracilis* var. *remotus* n. var. Elles, G. L. & Wood, E. M. R. 1507.

———— *gracilis* var. *surcularis* n. var. Elles, G. L. & Wood, E. M. R. 1507.

p. 221, second column, after line 14, insert : remotus n. var. Nemagraptus gracilis; Elles, G. L. & Wood, E. M. R. 1507.

p. 225, first column, after line 6, insert : surcularis n. var. Nemagraptus gracilis; Elles, G. L. & Wood, E. M. R. 1507.

p. 154, first column, after last line, insert :

PLEUROGRAPTUS [Graptolitoidea].

———— *linearis* var. *simplex* n. var. Elles, G. L. & Wood, E. M. R. 1507.

p. 223, first column, 16 lines from the bottom, insert : simplex n. var. Pleurograptus linearis; Elles, G. L. & Wood, E. M. R. 1507.

p. 228, in the list of errata in the Second Annual Issue for Holcostephanus read Holccs:ephanus.

LIST OF JOURNALS WITH ABBREVIATED TITLES.

<i>Acireale, Rend. Mem. Acc. Zelanti</i>	Rendiconti e Memorie della R. Accademia degli Zelanti, Acireale.	1 It.
<i>Albany Univ., N.Y., Bull. St. Mus.</i>	Bulletin of the New York State Museum. University of the State of New York, Albany, N.Y.	4 U.S.
<i>Albany Univ., N.Y., Rep. St. Mus.</i>	Report of the New York State Museum. University of the State of New York, Albany, N.Y.	6 U.S.
<i>Allatt. Közlem., Budapest...</i>	Állattani Közlemények, Budapest. [Zoologische Mittheilungen, Budapest.]	32 Hun.
<i>Amer. Geol., Minneapolis, Minn.</i>	American Geologist, Minneapolis, Minnesota.	13 U.S.
<i>Amer. J. Sci., New Haven, Conn.</i>	American Journal of Science, New Haven, Conn.	19 U.S.
<i>Amer. Nat., Boston, Mass.</i>	The American Naturalist, Boston, Mass.	21 U.S.
<i>Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet.</i>	Verslagen der Vergaderingen van de Wis- en Natuurkundige Afdeeling der Koninklijke Akademie van Wetenschappen, Amsterdam. 8vo.	7 Hol.
<i>Anat. Anz., Jena ...</i>	Anatomischer Anzeiger. Centralblatt für die gesammte wissenschaftliche Anatomie, hrsg. v. v. Bardeleben. Jena. [zwanglos.] Nebst Ergänzungsheften.	40 Ger.
<i>Anat. Hefte, Wiesbaden ...</i>	Anatomische Hefte, hrsg. v. Merkel u. Bonnet. Wiesbaden. 1. Abth.: Arbeiten aus anatomischen Instituten. [5 H. jährl.] 2. Abth.: Ergebnisse der Anatomie und Entwicklungsgeschichte. [jähr.]	41 Ger.
<i>Ann. Bot., Oxford ...</i>	Annals of Botany, Oxford ...	4 U.K.
<i>Ann. Mag. Nat. Hist., London</i>	Annals and Magazine of Natural History, London.	7 U.K.
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<i>Riv. ital. paleont., Bologna</i>	Rivista italiana di paleontologia, Bologna.	167 It.
<i>Riv. ital. sc. nat., Siena</i>	Rivista italiana di scienze naturali, Siena.	168 It.
<i>Riv. Trid., Trento</i>	La Rivista Tridentina. Periodico Scientifico Letterario. Edito per Cura dell' Associazione Universitaria Cattolica Trentina. Trento. [trimestr.]	331 Aus.
<i>Roma, Atti Acc. Nuovi Lincei</i>	Atti dell' Accademia pontificia dei Nuovi Lincei, Roma.	189 It.
<i>Roma, Boll. Comitato geol.</i>	Bollettino del R. Comitato geologico, Roma.	192 It.
<i>Roma, Boll. Soc. geol. ital.</i>	Bollettino della Società geologica italiana, Roma.	197 It.
<i>Roma, Boll. Soc. zool. ital.</i>	Bollettino della Società zoologica italiana, Roma.	199 It.

<i>Roma, Rend. Acc. Lincei ...</i>	<i>Rendiconti della R. Accademia dei Lincei, Roma.</i>	209 It.
<i>San Francisco, Proc. Cal. Acad. Sci.</i>	<i>Proceedings of the California Academy of Sciences, San Francisco, Cal.</i>	424 U.S.
<i>Schweiz. Vierteljahrsschr. Zahnheilk., Zürich</i>	<i>Schweizerische Vierteljahrsschrift für Zahnheilkunde. Revue trimestrielle suisse d'odontologie. Zürich. 8vo.</i>	103 Swi.
<i>St. Petersburg, Mém. Com. géolog.</i>	<i>Труды Геологическаго Комитета. С.-Петербургъ [Mémoires du Comité géologique. St.-Petersbourg].</i>	267 Rus.
<i>Stockholm, Geol. För. Förh.</i>	<i>Geologiska Föreningens i Stockholm förhandlingar. Stockholm. 8vo.</i>	23 Swe.
<i>Stuttgart, Jahreshefte Ver. Natk.</i>	<i>Jahreshefte des Vereins für vaterländische Naturkunde in Württemberg. Stuttgart. [jähr.]</i>	1021 Ger.
<i>Summ. Progr. Geol. Surv. U. K., London</i>	<i>Summary of the Progress of the Geological Survey of the United Kingdom, London.</i>	413 U.K.
<i>Sw. Mosskult. Tidskr., Jönköping</i>	<i>Svenska Mosskultur-föreningens Tidskrift. Jönköping. 8vo.</i>	47 Swe.
<i>Tōkyō, J. Coll. Sci. ...</i>	<i>The Journal of the College of Science, Imperial University of Tōkyō, Japan. European languages.</i>	28 Jap.
<i>Torino, Atti Acc. sc. ...</i>	<i>Atti della R. Accademia delle scienze, Torino.</i>	220 It.
<i>Torino, Mem. Acc. sc. ...</i>	<i>Memorie della R. Accademia delle scienze, Torino.</i>	228 It.
<i>Torreya, New York, N.Y...</i>	<i>Torreya. (Torrey Botanical Club), New York, N.Y.</i>	332 U.S.
<i>Varšata, Izv. politechn. Inst.</i>	<i>Извѣстія Варшавскаго политехническаго Института Императора Николая II. Варшава [Bulletin de l'Institut polytechnique de l'Empereur Nicolas II à Varsovie. Varsovie.]</i>	330 Rus.
<i>Varšata, Izv. Univ. ...</i>	<i>Варшавскія университетскія извѣстія. Варшава [Bulletin de l'Université Impériale de Varsovie.]</i>	331 Rus.
<i>Venezia, Atti Ist. ven. ...</i>	<i>Atti del R. Istituto veneto di scienze, lettere ed arti, Venezia.</i>	235 It.
<i>Verh. Ges. D. Natf., Leipzig</i>	<i>Verhandlungen der Gesellschaft deutscher Naturforscher und Aerzte. Leipzig. [jähr.]</i>	1083 Ger.
<i>Vermont, Rep. Geol., Burlington</i>	<i>Report of the State Geologist on the Mineral Industries and Geology of certain areas of Vermont. Burlington, Vt.</i>	585 U.S.
<i>Washington, D.C., Dept. Int. U. S. Geol. Surv. Monogr.</i>	<i>Department of the Interior. U. S. Geological Survey. Monographs, Washington, D.C.</i>	483 U.S.
<i>Washington, D.C., Proc. Acad. Sci.</i>	<i>Proceedings of the Washington Academy of Sciences, Washington, D.C.</i>	486a U.S.

<i>Washington, D.C., Proc. Biol. Soc.</i>	Proceedings of the Biological Society of Washington, Washington, D.C.	488 U.S.
<i>Washington, D.C., Smithsonian Inst., Misc. Collect Q.</i>	Smithsonian Institution. Smithsonian Miscellaneous Collections, Quarterly, Washington, D.C.	497 U.S.
<i>Washington, D.C., Smithsonian Inst., Nation. Mus. Proc.</i>	Smithsonian Institution. U. S. National Museum. Proceedings, Washington, D.C.	500 U.S.
<i>Washington, D.C., U. S. Dept. Agric., Div. Biol. Surr., N. Amer. Fauna</i>	U. S. Department of Agriculture. Division of Biological Survey, North American Fauna, Washington, D.C.	510 U.S.
<i>Washington, D.C., U. S. Dept. Int. Bull. Geol. Surr.</i>	Department of the Interior. Bulletin of the United States Geological Survey, Washington, D.C.	516 U.S.
<i>Wellington, Trans. and Proc. N.Zeal. Inst.</i>	Transactions and Proceedings of the New Zealand Institute, Wellington.	— N.Z.
<i>Wien, Abh. Geol. Reichs-Anst.</i>	Abhandlungen der k. k. Geologischen Reichsanstalt. Wien. [zwanglos.]	404 Aus.
<i>Wien, Beitr. Pal. Geol. OstUng.</i>	Beiträge zur Paläontologie und Geologie Österreich-Ungarns und des Orients. Mitteilungen des Paläontologischen und Geologischen Institutes der Universität Wien. Herausgegeben mit Unterstützung des hohen Ministeriums für Kultus und Unterricht von Viktor Uhlig und Gustav von Arthaber. Wien. [½ jährl.]	415 Aus.
<i>Wien, Denkschr. Ak. Wiss.</i>	Denkschriften der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [zumindest jährl.]	420 Aus.
<i>Wien, Jahrb. Geol. Reichs-Anst.</i>	Jahrbuch der k. k. Geologischen Reichsanstalt. Wien. [½ jährl.]	— Aus.
<i>Wien, Mitt. Sekt. Natkde....</i>	Mitteilungen der Sektion für Naturkunde des Österreichischen Touristen-Klubs. Red. v. C. R. von Keissler. Wien. [monatl.]	451 Aus.
<i>Wien, Monbl. Wiss. Klub.</i>	Monatsblätter des Wissenschaftlichen Klubs in Wien. Red. v. Felix Karrer. Wien. [monatl., mit zwanglosen Beilagen.]	461 Aus.
<i>Wien, SitzBer. Ak. Wiss ...</i>	Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [in 4 Abteilungen, zwanglos.]	472 Aus.
<i>Wien, Verh. Geol. Reichs-Anst.</i>	Verhandlungen der k. k. Geologischen Reichsanstalt. Wien. [18 H. jährl.]	477 Aus.
<i>Wszzechświat, Warszawa ...</i>	Wszzechświat, tygodnik poświęcony naukom przyrodniczym, red. Br. Znato-wicz, Warszawa. 4to. [weekly.]	57 Pol.
<i>Yorks. Proc. Geol. Polyt. Soc.</i>	Proceedings of the Yorkshire Geological and Polytechnic Society, Halifax.	430 U.K.

<i>Zool. Ans., Leipzig</i>	...	Zoologischer Anzeiger, hrag. v. Carna. Leipzig. [2-3 Nrn monatl.]	1148 Ger.
<i>Zool. Centralbl., Leipzig</i>	...	Zoologisches Centralblatt, hrag. v. Schuberg. Leipzig. [referierend, 26 Nrn jährl.]	1149 Ger.
<i>Zs. Ethn., Berlin</i>	...	Zeitschrift für Ethnologie, red. v. Bartels etc. Berlin. [2 monatl.] Nebst: Nachrichten über deutsche Alterthumskunde.	1181 Ger.
<i>Zürich, Vierteljahrsch. Natf. Ges.</i>		Vierteljahrschrift der naturforschenden Gesellschaft in Zürich. Zürich und München. 8vo.	125 Swi.

The numbers in the right-hand column are those used in the General List of Journals.

International Catalogue of Scientific Literature.

I.—TOPOGRAPHICAL CLASSIFICATION.

[To be used in connexion with Geography, Geology, Botany, Zoology, etc.]

1.—MAIN DIVISIONS.

- a.* The Earth as a whole.
- b.* Land as a whole.
- c.* Ocean as a whole.
- d.* Europe and Mediterranean Islands.
- e.* Asia and Malay Archipelago, Celebes and Timor inclusive.
- f.* Africa and Madagascar.
- g.* North America to boundary between United States and Mexico.
- h.* Mexico, Central and South America, and West Indian Islands.
- i.* Australia, Tasmania and New Zealand, with New Guinea, Gilolo, and Moluccas to west, and including the Solomon Islands, New Hebrides, and New Caledonia to east.
- k.* Arctic: Greenland and the area north of the Arctic Circle, or of the coasts of Continental America, Asia, and Europe, whichever is farther north.
- l.* Atlantic and Islands from Arctic Circle to Lat. 45° S.—the southern portion bounded on the east by the meridian 20° E. of Greenwich, south of the coast of Africa; and on the west by the coast of South America.
- m.* Indian Ocean and Islands limited on the south by Lat 45° S.; on the west by the meridian 20° E. of Greenwich; on the east by the coast of Australia and the meridian 147° E. of Greenwich.
- n.* Pacific and Islands from the Arctic Circle to Lat. 45° S., and between the meridian 147° E. of Greenwich and the coast of South America.
- o.* Antarctic: the area south of 45° S. except the Falkland Islands and the southern parts of South America and New Zealand; but including the islands of New Amsterdam and St. Paul.

N.B.—As a general rule, Islands more than 100 miles from the continent to be classed as Oceanic, unless specially excepted.

2. SUB-DIVISIONS.

d. EUROPE AND MEDITERRANEAN ISLANDS.

- da.* Scandinavia : Sweden, Norway, Denmark, Iceland, Faeroes.
- db.* Russia in Europe.
- dc.* German Empire.
- dd.* Holland ; Belgium ; Luxemburg.
- de.* British Islands.
- df.* France and Corsica.
- dg.* Spain and Portugal.
- dh.* Italy : Sicily and Sardinia.
- di.* Switzerland.
- dk.* Austria-Hungary (Bosnia and Herzegovina included).
- dl.* Balkan Peninsula (Turkey in Europe, Roumania, Bulgaria, Servia, Montenegro, and Greece).
- dm.* Mediterranean and Islands (excluding Sicily, Sardinia, and Corsica).
- dn.* Black Sea.
- do.* Baltic and Islands.

e. ASIA AND MALAY ARCHIPELAGO.

- ea.* Asiatic Russia.
- eb.* China and Dependencies : Tibet ; Corea.
- ec.* Japanese Islands ; Formosa.
- ed.* Cochin China : Tonquin, Annam.
- ee.* Siam.
- ef.* British India : Himalaya ; Burmah ; Ceylon.
- eg.* Malay Peninsula from Isthmus of Kra and Archipelago to Wallace's line, including Celebes and Timor, with the Philippines and China Sea.
- eh.* Persia ; Afghanistan ; Baluchistan.
- ei.* Asiatic Turkey ; Arabia.
- ek.* Caspian.
- el.* Persian Gulf.

f. AFRICA AND MADAGASCAR.

- fa.* Mediterranean States—Marocco, Algiers, Tunis, Tripoli.
- fb.* N.E. Africa ; Egypt and Nile Valley to Lat. 10° N. ; Abyssinia ; African Coast of Red Sea.
- fc.* Sahara and the French Sudan ; Darfur, etc.
- fd.* West Africa, from Marocco to the Congo.
- fe.* Congo State and Angola.
- ff.* East Africa, from the Southern border of *fb* to the Zambezi ; Socotra.
- fg.* South Africa—South of the Zambezi and of the boundary between Portuguese and German S.W. Africa.
- fh.* Madagascar and Comoro Group.
- fi.* Red Sea and Islands.

g. NORTH AMERICA.

- ga.* Alaska.
- gb.* Canada as a whole.
- gc.* Canadian Dominion West (Yukon, British Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan. Assiniboia).
- gd.* Canadian Dominion East; Newfoundland.
- ge.* The Laurentian Lakes.
- gf.* United States as a whole.
- gg.* North Eastern United States, East of Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* South Eastern United States, East of Mississippi.
- gi.* Western United States, West of Mississippi.

h. CENTRAL AND SOUTH AMERICA AND WEST INDIES.

- ha.* Mexico.
- hb.* Central America: Guatemala; Honduras; British Honduras; Salvador; Nicaragua; Costa Rica.
- hc.* West Indian Islands; Caribbean Sea; Gulf of Mexico.
- hd.* Guiana—British, Dutch, and French; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brazil.
- hi.* Argentina; Uruguay and Paraguay.
- hk.* Chili.
- hl.* Tierra del Fuego and neighbouring islands; Falkland Islands.
- hm.* The Andes.

i. AUSTRALASIA.

- ia.* New Guinea with Islands from Wallace's line, including Gilolo, Amboina, Ceram.
- ib.* Bismarck Archipelago (New Britain, etc., to Solomon Islands inclusive).
- ic.* Australia as a whole.
- id.* Queensland.
- ie.* New South Wales.
- if.* Victoria.
- ig.* South Australia.
- ih.* West Australia.
- ii.* Tasmania.
- ik.* New Zealand.
- il.* New Caledonia, New Hebrides, and Loyalty Islands.

k. ARCTIC.

- ka. Arctic Ocean.
- kb. Greenland.
- kc. Archipelago north of North America.
- kd. Islands north of Europe and Asia.

l. ATLANTIC.

- la. North Atlantic Ocean and Islands not otherwise specified.
- lb. Azores; Canaries; Madeira; Cape Verde.
- lc. South Atlantic and Islands.

m. INDIAN OCEAN.

- ma. Ocean and Islands N. of Equator.
- mb. Ocean and Islands S. of Equator, including Mascarene-Islands, Amsterdam, and St. Paul.

n. PACIFIC.

- na. North Pacific Ocean (North of Equator).
- nb. South Pacific Ocean (South of Equator).
- nc. Behring Sea and Islands (Aleutian Archipelago, etc.).
- nd. Sandwich Islands and scattered groups N. of Equator and E. of 180°.
- ne. Ladrone, Pelew, Caroline and Marshall Groups, with other Islands N. of Equator and W. of 180°.
- nf. Fiji Islands, Friendly Islands, Samoa, Ellice, Phoenix Islands, etc., west of Meridian 160° W. of Greenwich.
- ng. Galapagos Islands.
- nh. Society Islands, Low Archipelago, Marquesas, and other Islands of S. Pacific, east of Meridian 160° W. of Greenwich.

o. ANTARCTIC.

- oa. Antarctic Continent as a whole.
- ob. S. Georgia, Sandwich Groups, and other Islands S. of S. Atlantic.
- oc. Prince Edward Island, Crozets, Kerguelen, and other Islands S. of Indian Ocean.
- od. Islands to Southward and South-east of New Zealand and Area South of Pacific.

Internationaler Katalog der naturwissenschaftlichen Litteratur.

I — TOPOGRAPHISCHE CLASSIFICATION.

[In Verbindung mit Geographie, Geologie, Botanik, Zoologie etc. zu benutzen.]

1.— HAUPT-ABSCHNITTE.

- a.* Die Erde als Ganzes.
- b.* Das Festland als Ganzes.
- c.* Der Ocean als Ganzes.
- d.* Europa und die Inseln im Mittelländischen Meere.
- e.* Asien und der Malayische Archipel, einschliesslich Celebes und Timor.
- f.* Africa und Madagaskar.
- g.* Nord-Amerika bis zur Grenze zwischen den Vereinigten Staaten und Mexiko.
- h.* Mexiko, Central- und Süd-Amerika, Westindische Inseln.
- i.* Australien, Tasmanien und Neu-Seeland, mit Neu-Guinea, Gilolo und Molukken nach Westen, und mit Salomo-Inseln, Neuen Hebriden und Neu-Caledonien nach Osten.
- k.* Arktisches Gebiet: Grönland und der vom Polarkreis umschlossene Raum, insbesondere die jenseits desselben gelegenen Kütenländer von Amerika, Asien und Europa.
- l.* Atlantisches Gebiet mit seinen Inseln vom Polarkreis bis 45° S. Br.; der südliche Theil wird südliche von Afrika nach Osten durch den Meridian 20° O. [v. Gr.] begrenzt und reicht im Westen bis zur Küste von Süd-Amerika.
- m.* Der Indische Ocean mit seinen Inseln reicht im Süden bis 45° S. Br.; im Westen bis 20° O. L., im Osten bis zur Küste von Australien und dem Meridian 140° O. L.
- n.* Pacifisches Gebiet mit seinen Inseln, vom Nordpolarkreis bis 45° S. Br., im südlichen Theil begrenzt durch den Meridian 147° O. L. nach Westen, und die Küste von Süd-Amerika nach Osten.
- o.* Antarktisches Gebiet, umfassend das Gebiet südlich von 45° S. Br., mit Ausschluss der Falklands-Inseln, der südlichen Theile von Süd-Amerika und Neu-Seelands, aber einschliesslich der Inseln Neu-Amsterdam und St. Paul.

N.B.—Allgemeine Regel: Inseln, die mehr als 100 englische Meilen (160 Kilometer) vom Festland entfernt sind, sind, falls nicht besonders ausgenommen, als oceanisch zu classificiren.

2. UNTERABTHEILUNGEN.

d. EUROPA UND DIE INSELN IM MITTELLÄNDISCHEN MEERE.

- da.** Skandinavien: Schweden, Norwegen, Dänemark, Island Faröer.
- db.** Des Europäische Russland.
- dc.** Das Deutsche Reich.
- dd.** Holland; Belgien; Luxemburg.
- de.** Die Britischen Inseln.
- df.** Frankreich und Corsica.
- dg.** Spanien und Portugal.
- dh.** Italien, mit Sicilien und Sardinien.
- di.** Die Schweiz.
- dk.** Oesterreich-Ungarn (einschliesslich Bosnien und Herzegowina).
- dl.** Die Balkan-Halbinsel (Europäische Türkei, Rumänien, Bulgarien, Serbien, Montenegro, Griechenland).
- dm.** Das Mittelländische Meer mit seinen Inseln (mit Ausschluss von Sicilien, Sardinien und Corsica).
- dn.** Das Schwarze Meer.
- do.** Die Ostsee mit ihren Inseln.

e. ASIEN UND DER MALAYISCHE ARCHIPEL.

- ea.** Asiatisches Russland.
- eb.** China und zugehörige Länder; Tibet; Korea.
- ec.** Japanische Inseln; Formosa.
- ed.** Cochinchina; Tonking, Annam.
- ee.** Siam.
- ef.** Britisch-Indien, einschliesslich Himalaya, Burma, Ceylon.
- eg.** Malayische Halbinsel südlich vom Isthmus von Kra, und Malayischer Archipel bis zu Wallace's Linie, einschliesslich Celebes und Timor; Philippinen; Chinesisches Südmeer.
- ek.** Persien; Afghanistan; Belutschistan.
- ei.** Asiatische Türkei; Arabien.
- ek.** Das Kaspische Meer.
- el.** Der Persische Golf.

f. AFRIKA UND MADAGASKAR.

- fa.** Die Mittelmeer-Staaten: Marokko, Algier, Tunis, Tripolis.
- fb.** Nordost-Afrika: Egypten und Nilthal bis 10° N. Br.; Abessinien; afrikanische Küste des Rothen Meeres.
- fc.** Die Sahara und der französische Sudan; Darfur etc.
- fd.** West-Afrika, von Marokko bis zum Kongo.
- fe.** Kongo-Staat und Angola.
- ff.** Ostafrika, von der südlichen Grenze von fb. bis zum Sambesi; Sokotra.
- fg.** Süd-Afrika, südlich des Sambesi und der Grenze zwischen Portugiesisch und Deutsch Südwest-Afrika.
- fh.** Madagaskar und Komoren.
- fi.** Das Rothe Meer mit seinen Inseln.

g. NORD-AMERIKA.

- ga.* Alaska.
- gb.* Canada als Ganzes.
- gc.* West-Canadisches Gebiet: Yukon, Britisch-Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.
- gd.* Ost-Canadisches Gebiet; Neufundland.
- ge.* Gebiet der Laurentischen Seen.
- gf.* Vereinigte Staaten als Ganzes.
- gg.* Nordosten der Vereinigten Staaten, östlich vom Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* Südosten der Vereinigten Staaten, östlich vom Mississippi.
- gi.* Westen der Vereinigten Staaten, westlich vom Mississippi.

h. CENTRAL-AMERIKA, SÜD-AMERIKA, WEST-INDIEN.

- ha.* Mexiko.
- hb.* Central-Amerika: Guatemala, Honduras; Britisch-Honduras; Salvador; Nicaragua; Costa Rica.
- hc.* Westindische Inseln; Caraibisches Meer; Golf von Mexiko.
- hd.* Guyana: Britisch, Niederländisch und Französisch; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brasilien.
- hi.* Argentinien; Uruguay und Paraguay.
- hk.* Chile.
- hl.* Feuerland und benachbarte Inseln; Falkland Inseln.
- hm.* Die Anden.

i. AUSTRALASIEN.

- ia.* Neu-Guinea, nebst Inseln im Osten von Wallace's Linie, einschliesslich Gilolo, Amboina, Ceram.
- ib.* Bismarck-Archipel (Neu-Pommern etc. bis Salomo-Inseln).
- ic.* Australien als Ganzes.
- id.* Queensland.
- ie.* Neu-Süd-Wales.
- if.* Victoria.
- ig.* Süd-Australien.
- ih.* West-Australien.
- ii.* Tasmanien.
- ik.* Neu-Seeland.
- il.* Neu-Caledonien, Neue Hebriden und Loyalty Inseln.

L. ARKTISCHES GEBIET

- la.* Der Arktische Ocean.
- lb.* Grönland.
- lc.* Archipel nördlich von Nord-Amerika.
- ld.* Inseln nördlich von Europa und Asien.

L. ATLANTISCHES GEBIET.

- la.* Der Nordatlantische Ocean mit seinen Inseln, soweit sie nicht anderweit eingereiht sind.
- lb.* Azoren; Kanaren; Madeira; Cap Verde.
- lc.* Der Südatlantische Ocean mit seinen Inseln.

m. INDISCHER OCEAN.

- ma.* Ocean und Inseln nördlich vom Aequator.
- mb.* Ocean und Inseln südlich vom Aequator, einschliesslich Maskarenen, Neu-Amsterdam und St. Paul.

n. PACIFISCHES GEBIET.

- na.* Nordpazifischer Ocean (nördlich vom Aequator).
- nb.* Sudpazifischer Ocean (südlich vom Aequator).
- nc.* Bering's Meer, nebst Inseln (Aleuten-Archipel etc.).
- nd.* Sandwich-Inseln und zerstreute Gruppen nördlich vom Aequator und östlich vom 180. Grad.
- ne.* Ladrone-, Palau-, Carolinen- und Marshall-Gruppen, nebst andern Inseln nördlich vom Aequator und Westlich vom 180. Grad.
- nf.* Fidchi-Inseln, Freundschafts-Inseln, Samoa, Ellice-Inseln, Phönix-Inseln etc., westlich vom Meridian 160° W. L.
- ng.* Galapagos-Inseln.
- nh.* Gesellschafts-Inseln, Niedrige Inseln, Marquesas- und andere Inseln des südlichen Pacifischen Oceans, östlich vom Meridian 160° W. L.

o. ANTARCTISCHES GEBIET.

- oa.* Der Antarktische Kontinent als Ganzes.
- ob.* Sud-Georgien, Sandwich-Gruppen, und andere Inseln südlich vom südatlantischen Gebiet.
- oc.* Prince Edward-Insel, Crozet-Inseln, Kerguelen- und andere Inseln südlich vom Indischen Ocean.
- od.* Inseln südlich und südöstlich von Neu-Seeland, und Gebiet südlich des Pacifischen Oceans.

Catalogue International de la Littérature Scientifique.

CLASSIFICATION TOPOGRAPHIQUE.

[Cette classification sera appliquée à la géographie, à la géologie, à la botanique, à la zoologie, etc.]

I — GRANDES DIVISIONS.

- a.* Données d'ensemble relatives au globe terrestre.
- b.* Données d'ensemble relatives aux continents.
- c.* Données d'ensemble relatives aux océans.
- d.* Europe et îles méditerranéennes.
- e.* Asie et Archipel Malais, Célèbes et Timor inclus.
- f.* Afrique et Madagascar.
- g.* Amérique du Nord [en prenant comme limite celle qui sépare les États-Unis du Mexique].
- h.* Le Mexique, Amérique centrale et méridionale avec les Antilles.
- i.* Australie, Tasmanie et Nouvelle Zélande avec la Nouvelle Guinée, Gilolo et les Moluques à l'ouest, les îles Salomon, les Nouvelles Hébrides et la Nouvelle Calédonie à l'est.
- k.* Régions arctiques : Groenland et surface polaire s'étendant des côtes américaines, asiatiques et européennes à l'extrême nord.
- l.* Atlantique avec les îles comprises entre le cercle polaire arctique et le 45° de lat. S. Partie sud de l'Atlantique limitée à l'est par le méridien 20° E. (Greenwich), au sud de l'Afrique ; et à l'ouest par le côte de l'Amérique du sud.
- m.* Océan Indien avec les îles situées dans l'espace limité dans le sud par le 45° de lat. S. ; à l'ouest par le méridien 20° E. (Greenwich) ; dans l'est par la côte australienne et le méridien 147° E. (Greenwich).
- n.* Le Pacifique avec les îles comprises, en latitude, du cercle polaire arctique au 45° de lat. S. ; en longitude, du méridien 147° E. (Greenwich) à la côte de l'Amérique du sud.
- o.* Régions antarctiques : depuis le 45° de lat. S., moins les Falkland, la pointe sud de l'Amérique méridionale et la Nouvelle Zélande, mais en y comprenant les îles St. Paul et Nouvelle Amsterdam.

N.B.—En général les îles qui se trouvent à plus de 160 à 185 kilomètres du continent sont classées comme îles océaniques, à moins que le contraire ne soit stipulé spécialement.

II—SUBDIVISIONS.

d. EUROPE ET ÎLES MÉDITERRANÉENNES.

- da.** Scandinavie : Suède, Norvège, Danemark. Islande, îles Féroë.
- db.** Russie d'Europe.
- dc.** Empire Germanique
- dd.** Hollande ; Belgique ; Luxembourg.
- de.** Îles Britanniques.
- df.** France et Corse.
- dg.** Espagne et Portugal.
- dh.** Italie : Sicile et Sardaigne.
- di.** Suisse.
- dk.** Autriche-Hongrie (Bosnie et Herzégovine inclus).
- dl.** Péninsule Balkanique (Turquie d'Europe, Roumanie, Bulgarie, Serbie, Monténégro et Grèce).
- dm.** Méditerranée avec ses îles (moins la Sicile, la Sardaigne, et la Corse).
- dn.** Mer Noire.
- do.** La Baltique et ses îles.

e. ASIE ET ARCHIPEL MALAIS.

- ea.** Asie russe.
- eb.** Chine et dépendances ; Thibet ; Corée.
- ec.** Archipel du Japon ; Formose.
- ed.** Cochinchine. Tonkin. Annam. Cambodge.
- ee.** Siam.
- ef.** Indes Britanniques : Himalaya ; Burma, Ceylan.
- eg.** La Péninsule Malaise depuis l'isthme de Kra ; et l'Archipel Malais jusqu'à la ligne séparative de Wallace, y compris Célèbes, Timor, les Philippines et la Mer de Chine.
- eh.** Perse ; Afghanistan ; Bélouchistan.
- ei.** Turquie d'Asie ; Arabie.
- ek.** Mer Caspienne.
- el.** Golfe persique.

f. AFRIQUE ET MADAGASCAR.

- fa.** Pays méditerranéens : Maroc, Algérie, Tunisie, Tripoli.
- fb.** N.E. Africain ; Egypte et la vallée du Nil depuis le 10° de lat. N. ; Abyssinie ; côte africaine de la Mer Rouge.
- fc.** Le Sahara et le Soudan français ; Darfour, etc.
- fd.** Ouest africain, du Maroc au Congo.
- fe.** Etat du Congo et Angola.
- ff.** Est africain, depuis la bordure sud de *fb* au Zambèze, Socotora.

- fg.* Sud africain—Au sud du Zambèze et de la limite entre les possessions portugaises et allemandes du sud-ouest de l'Afrique.
- fh.* Madagascar et groupe des Comores.
- fi.* La Mer Rouge et ses îles.

g. AMÉRIQUE DU NORD.

- ga.* Alaska.
- gb.* Le Canada dans son entier.
- gc.* Puissance du Canada de l'ouest (Yukon, Colombie Britannique, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Puissance du Canada de l'est ; Terre neuve.
- ge.* Région des grands lacs laurentiens.
- gf.* États-Unis.
- gg.* États-Unis du Nord - Est, à l'est du Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvanie, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* États-Unis du sud-est, à l'est du Mississippi.
- gi.* États-Unis de l'ouest, à l'ouest du Mississippi.

h. AMÉRIQUE CENTRALE ET MÉRIDIONALE ; INDES OCCIDENTALES.

- ha.* Mexique.
- hb.* Amérique centrale : Guatemala ; Honduras ; Honduras britannique ; Salvador ; Nicaragua ; Costa Rica.
- hc.* Antilles ; Mer Caraïbe ; Golfe du Mexique.
- hd.* Guyanes britannique, hollandaise, et française ; Vénézuéla ; île de Trinité.
- he.* Colombie. Ecuador.
- hf.* Pérou.
- hg.* Bolivie.
- hh.* Brésil.
- hi.* République Argentine ; Uruguay et Paraguay.
- hk.* Chili.
- hl.* Terre de feu et îles voisines ; les Falkland (Malouines).
- hm.* Les Andes.

i. AUSTRALIE.

- ia.* Nouvelle Guinée avec les îles de la ligne séparative de Wallace, en y comprenant Gilolo, Amboine, Ceram.
- ib.* Archipel de Bismarck (Nouvelle Bretagne avec les les Salomon).
- ic.* L'Australie en son entier.
- id.* Queensland.
- ie.* Nouvelle Galles du sud.
- if.* Victoria.
- ig.* Australie du sud.

- ih.* Australie occidentale.
- ii.* Tasmanie.
- ik.* Nouvelle Zélande.
- il.* Nouvelle Calédonie, Nouvelles Hébrides et les îles Loyauté.

k. RÉGIONS ARCTIQUES.

- ka.* Océan arctique.
- kb.* Groenland.
- kc.* Archipel nord de l'Amérique du Nord.
- kd.* Îles au nord d'Europe et d'Asie (Spitzberg, etc.).

l. ATLANTIQUE.

- la.* Océan Atlantique septentrional et les îles qui n'ont pas encore été spécifiées.
- lb.* Açores; Canaries; Madère; Cap Vert.
- lc.* Atlantique méridional et ses îles.

m. OCÉAN INDIEN.

- ma.* Océan et les îles au nord de l'Equateur.
- mb.* Océan et les îles au sud de l'Equateur, avec les Mascareignes et les îles Amsterdam et St. Paul.

n. PACIFIQUE.

- na.* Pacifique septentrional (au nord de l'Equateur).
- nb.* Pacifique méridional (au sud de l'Equateur).
- nc.* Mer de Behring et ses îles (Aléoutiennes . . . etc.).
- nd.* Îles Sandwich, avec les groupes situés au nord de l'Equateur et à l'est du 180°.
- ne.* Mariannes, Pelew, archipel des Carolines et de Marshall, avec les autres îles situées au nord de l'Equateur et à l'ouest du 180°.
- nf.* Îles Fidji, îles des Amis (Tonga, Samoa, Ellice, Phénix et autres) situées à l'ouest du méridien 160° O. (Greenwich).
- ng.* Îles Galapagos.
- nh.* Îles de la Société, Pomoutou, Marquises et autres îles du Pacifique méridional à l'est du méridien 160° O. (Greenwich).

o. RÉGIONS ANTARCTIQUES.

- oa.* Continent antarctique dans son entier.
- ob.* Géorgie du Sud, groupe des Sandwichs et autres îles au S. de l'Atlantique méridional.
- oc.* Îles du Prince Edouard, Crozet, Kerguelen et autres îles au S. de l'Océan Indien.
- od.* Îles au sud et au sud-est de la Nouvelle Zélande et régions méridionales du Pacifique.

Catalogo Internazionale della Letteratura Scientifica.

I.—CLASSIFICAZIONE TOPOGRAFICA.

[Da usarsi in rapporto con la Geografia, Geologia, Botanica, Zoologia, ecc.]

1.—DIVISIONI PRINCIPALI.

- a.* La Terra nel suo complesso.
- b.* Le terre emerse.
- c.* L'oceano nel suo complesso.
- d.* Europa e Isole del Mediterraneo.
- e.* Asia e Arcipelago Malese, comprese Celebes e Timor.
- f.* Africa e Madagascar.
- g.* America settentrionale fino al limite tra gli Stati Uniti e il Messico.
- h.* Messico, America Centrale e Meridionale, e Indie Occidentali.
- i.* Australia. Tasmania e Nuova Zelanda colla Nuova Guinea, Gilolo e Molucche verso Ponente, le Salomone, le Nuove Ebridi e la Nuova Caledonia verso Levante.
- k.* Regione Artica: Groenlandia e l'area a Nord del Circolo Polare, ovvero a Nord delle coste dell'America continentale, dell'Asia e dell'Europa.
- l.* L'Atlantico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., limitato nella sua parte meridionale oltre la costa Africana dal 20° E. da Greenwich, ad Est; e dalla costa dell'America meridionale ad Ovest.
- m.* L'Oceano Indiano e le sue Isole, limitato a sud dal 45° di Lat. S., a Ponente del meridiano 20° E. di Greenwich; a Levante dalla costa dell'Australia e dal 147° E. da Greenwich.
- n.* Il Pacifico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., e tra il 147° meridiano E. da Greenwich e le coste dell'America meridionale.
- o.* Regione Antartica: cioè l'area meridionale limitata dal 45° S., eccetto le Isole Falkland e le parti meridionali dell'America del Sud e della Nuova Zelanda; comprendendovi però le isole di Nuova Amsterdam e S. Paolo.

N.B.—Come regola generale, le isole lontane più di 100 miglia inglesi (160 chilometri) dal continente devono essere classificate come oceaniche, salvo speciali eccezioni.

2.—SUDDIVISIONI.

d. EUROPA E ISOLE DEL MEDITERRANEO.

- da.* Scandinavia : Svezia, Norvegia, Danimarca, Islanda, Far Òer.
- db.* Russia Europea.
- dc.* Impero Germanica.
- dd.* Olanda ; Belgio ; Lussemburgo.
- de.* Isole Britanniche.
- df.* Francia e Corsica.
- dq.* Spagna e Portogallo.
- dh.* Italia : Sicilia e Sardegna.
- di.* Svizzera.
- dk.* Austria-Ungheria (comprese Bosnia ed Erzegovina).
- dl.* Penisola, Balcanica (Turchia Europea, Rumania, Bulgaria, Serbia, Montenegro e Grecia).
- dm.* Mediterraneo e Isole (salvo la Sicilia, la Sardegna e la Corsica).
- dn.* Mar Nero.
- do.* Il Baltico e le sue Isole.

e. ASIA E ARCIPELAGO MALESE.

- ea.* Russia Asiatica.
- eb.* Cina e dipendenze : Tibet ; Corea.
- ec.* Isole del Giappone ; Formosa.
- ed.* Coccincina : Tonchino, Annam.
- ee.* Siam.
- ef.* India Britannica : Himalaya ; Birmania ; Ceylon.
- eg.* Penisola Malese dall' Istmo di Kra e Arcipelago Malese fino alla linea, di Wallace, comprendendovi Celebes e Timor colle Filippine e il Mar della Cina.
- eh.* Persia ; Afghanistan ; Belucistan.
- ei.* Turchia Asiatica ; Arabia.
- ek.* Il Caspio.
- el.* Golfo Persica.

f. AFRICA E MADAGASCAR.

- fa.* Stati Mediterranei—Marocco, Algeri, Tunisi, Tripoli.
- fb.* Africa del N.E. ; Egitto e Vallatta del Nilo fino al 10° di Lat. N. ; Abissinia ; Coste dell' Africa sul Mar Rosso.
- fc.* Sahara e Sudan Francese ; Darfur, ecc.
- fd.* Africa occidentale dal Marocco al Congo.
- fe.* Stato del Congo e Angola.
- ff.* Africa orientale dal limite indicato in *fb* al Zambesi ; Socotra.
- fg.* Africa australe dal Zambesi e dal confine tra l' Africa Portoghese e l' Africa Germanica del S.W.
- fh.* Madagascar e Gruppo delle Comoro.
- fi.* Il Mar Rosso e le sue Isole.

g. AMERICA SETTENTRIONALE.

- ga.* Alaska.
- gb.* Il Canada in generale.
- gc.* Dominio del Canada occidentale (Yukon, Columbia Britannica, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Dominio del Canada orientale; Terranova.
- ge.* I Laghi Laurenziana.
- gf.* Gli Stati Uniti in generale.
- gg.* Stati Uniti del Nord-Est, ad E. del Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* Stati Uniti del Sud-Est, ad E. del Mississippi.
- gi.* Stati Uniti occidentali, ad W. del Mississippi.

h. AMERICA CENTRALE E MERIDIONALE E INDIE OCCIDENTALI.

- ha.* Messico.
- hb.* America Centrale; Guatemala; Honduras; Honduras Britannico; Salvador; Nicaragua; Costa Rica.
- hc.* Indie occidentali; Mar dei Caribi; Golfo del Messico.
- hd.* Guaiana—Britannica, Olandese e Francese; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Perù.
- hg.* Bolivia.
- hh.* Brasile.
- hi.* Argentina; Uruguay e Paraguay.
- hk.* Cile.
- hl.* Terra del Fuoco e Isole vicine; Isole Falkland.
- hm.* Le Ande.

i. AUSTRALIA E OCEANIA.

- ia.* Nuova Guinea colle Isole dalla linea di Wallace, comprendendovi Gilolo (Ialmahera) Amboina, Seram.
- ib.* Arcipelago di Bismarck (Nuova Britannia. ecc., fino alle Solomone inclusivamente).
- ic.* Australia in generale.
- id.* Queensland.
- ie.* Nuova Galles del Sud.
- if.* Victoria.
- ig.* Australia meridionale.
- ih.* Australia occidentale.
- ii.* Tasmania.
- ik.* Nuova Zelanda.
- il.* Nuova Caledonia, Nuove Ebridi, e Isole Loyalty.

k. REGIONE ARTICA.

- ka.* Oceano Artico.
- kb.* Groenlandia.
- kc.* Arcipelago Nord Americano.
- kd.* Isole a N. dell' Europa e dell' Asia.

l. OCEANO ATLANTICO.

- la.* Oceano Atlantico settentrionale e sue Isole, non indicate altrove.
- lb.* Azorre; Canarie; Madera; Isole del Capo Verde.
- lc.* Atlantico meridionale e sue Isole.

m. OCEANO INDIANO.

- ma.* Oceano e Isole a Nord dell' Equatore.
- mb.* Oceano e Isole a Sud dell' Equatore, comprendendovi le Mascarene, Amsterdam e S. Paolo.

n. OCEANO PACIFICO.

- na.* Pacifico del Nord (a N. dell' Equatore).
- nb.* Pacifico del Sud (a S. dell' Equatore).
- nc.* Mar di Behring e sue Isole (Aleutine, ecc.).
- nd.* Isole Sandwich e Gruppi sparsi a N. dell' Equatore e ad E. del 180°.
- ne.* Isole dei Ladroni, Pelew, Caroline e Marshall, con altre Isole a N. dell' Equatore e ad ovest del 180°.
- nf.* Isole Figi, degli Amici, Samoa, Ellice, Fenice, ecc., ad ovest del 160° W. di Greenwich.
- ng.* Isole Galapagos.
- nh.* Isole della Società. Arcipelago di Low, Marchesi e altre Isole del Pacifico meridionale, ad Est del meridiano 160° W. da Greenwich.

o. REGIONE ANTARTICA.

- oa.* Regione antartica in generale.
- ob.* Georgia australe, Gruppo delle Sandwich e altre Isole a Sud dell' Atlantico meridionale.
- oc.* Isole del Principe Edoardo, Crozets, Kerguelen e altre Isole a Sud dell' Oceano Indiano.
- od.* Isole a Sud e a Sud-Est della Nuova Zelanda e Regione a Sud del Pacifico.

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INSTRUCTIONS.

The present volume contains three parts. (a) Schedules and Indexes in four languages; (b) An Author Catalogue; (c) A Subject Catalogue.

The Subject Catalogue begins with some general sections 0000 to 0200. It is then divided into Palaeozoology and Palaeobotany. Each of these main divisions is sub-divided into three sections. The first section gives the books or papers arranged according to strata; in the second section the arrangement is according to fossils; while the third section gives a list of new genera and species.

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In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of the volume.

The literature indexed is mainly that of 1905, but includes those portions of the literature of 1901-1904 in regard to which the index slips were received by the Central Bureau too late for inclusion in the previous volumes.

TOPOGRAPHICAL SYMBOLS.

Many of the sections are divided into a number of sub-sections by means of topographical symbols. These symbols are letters printed in italics. They are explained in the Topographical Classification appended to the volume. The topographical symbols are not used instead of registration numbers.

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International Catalogue of Scientific Literature.

(K) PALÆONTOLOGY.

- 0000 Philosophy.
- 0010 History. Biography.
- 0020 Periodicals. Reports of Institutions, Societies, Congresses, etc.
- 0030 General Treatises, Text Books, Dictionaries, Bibliographies, Tables.
- 0040 Addresses, Lectures.
- 0050 Pedagogy.
- 0060 Institutions, Museums, Collections, Economics.
- 0070 Nomenclature.
- 0100 Distribution of Life (Animal and Vegetable) in Past Times.
- 0150 Zonal Palæontology; Mutations (Changes of Form in Successive Strata), etc.
- 0200 Evolution. (*See also* L 4300; N 0223; M 4400.)

The numerical symbol to be used for Palæontological books and papers is obtained by a combination of the Geological stratigraphical number (two figures), with a number (four figures) representing the subdivision of the animal or vegetable kingdom to which the fossil forms described belong. Thus a paper on Triassic Cephalopoda will have the symbol K 65.2231, one on Carboniferous ferns will be numbered K 55.6700.

The numbers for Zoological sub-divisions are identical with those used in the Zoological schedule. The numbers for Botanical sub-divisions are identical with those used in the Botanical schedule.

The alphabetical symbols for Topography can be added, if necessary. In this case a paper on Cretaceous Fishes from Asiatic Turkey would bear the symbol K 75.5431 *ei*.

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In the Author Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of the volume.

The literature indexed is mainly that of 1905, but includes those portions of the literature of 1901-1904 in regard to which the index slips were received by the Central Bureau too late for inclusion in the previous volumes.

TOPOGRAPHICAL SYMBOLS.

Many of the sections are divided into a number of sub-sections by means of topographical symbols. These symbols are letters printed in italica. They are explained in the Topographical Classification appended to the volume. The topographical symbols are not used instead of registration numbers.

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International Catalogue of Scientific Literature.

(K) PALÆONTOLOGY.

- 0000 Philosophy.
- 0010 History. Biography.
- 0020 Periodicals. Reports of Institutions, Societies, Congresses, etc.
- 0030 General Treatises, Text Books, Dictionaries, Bibliographies, Tables.
- 0040 Addresses, Lectures.
- 0050 Pedagogy.
- 0060 Institutions, Museums, Collections, Economics.
- 0070 Nomenclature.
- 0100 Distribution of Life (Animal and Vegetable) in Past Times.
- 0150 Zonal Palæontology; Mutations (Changes of Form in Successive Strata), etc.
- 0200 Evolution. (*See also* L 4300; N 0223; M 4400.)

The numerical symbol to be used for Palæontological books and papers is obtained by a combination of the Geological stratigraphical number (two figures), with a number (four figures) representing the subdivision of the animal or vegetable kingdom to which the fossil forms described belong. Thus a paper on Triassic Cephalopoda will have the symbol K 65.2231, one on Carboniferous ferns will be numbered K 55.6700.

The numbers for Zoological sub-divisions are identical with those used in the Zoological schedule. The numbers for Botanical sub-divisions are identical with those used in the Botanical schedule.

The alphabetical symbols for Topography can be added, if necessary. In this case a paper on Cretaceous Fishes from Asiatic Turkey would bear the symbol K 75.5431 *ei*.

Paleozoology

	General, including age.	50	55	60	65	70	75	80	85	90	95
0231	General Paleozoology	...	...	...	...	...	...	...	...	...	...
0231	Vertebrata	...	...	...	...	...	...	...	...	...	...
2031	Mammalia	...	...	...	...	...	...	...	...	...	...
6031	Aves	...	...	...	...	...	...	...	...	...	...
4531	Reptilia and Batrachia	...	...	...	...	...	...	...	...	...	...
5431	Pisces	...	...	...	...	...	...	...	...	...	...
4031	Tunicata, Amphioxus, &c.	...	...	...	...	...	...	...	...	...	...
2431	Arthropoda, including Insecta	...	...	...	...	...	...	...	...	...	...
2431	Myriopoda	...	...	...	...	...	...	...	...	...	...
2031	Arachnida	...	...	...	...	...	...	...	...	...	...
2531	Xiphosura, Eurypterida, Trilobita, &c.	...	...	...	...	...	...	...	...	...	...
2631	Crustacea	...	...	...	...	...	...	...	...	...	...
2231	Mollusca, including Cephalopoda, Gastropoda, Amphineura, Scaphopoda, and Lamellibranchiata (Pelecypoda)	...	...	...	...	...	...	...	...	...	...
2031	Brachiopoda including Bryozoa (Polyzoa)	...	...	...	...	...	...	...	...	...	...
1831	Vermea	...	...	...	...	...	...	...	...	...	...
1031	Echinodermata	...	...	...	...	...	...	...	...	...	...
0931	Celesterrata including Graptolithoides	...	...	...	...	...	...	...	...	...	...
0831	Porifera	...	...	...	...	...	...	...	...	...	...
0431	Protozoa	...	...	...	...	...	...	...	...	...	...
0131	Fossils of doubtful affinity or origin	...	...	...	...	...	...	...	...	...	...

Palaeobotany.									
	35	50	55	65	70	75	85	90	95
5000 General Palaeobotany
5400 Dicotyledons
6000 Monocotyledons
6500 Gymnosperms
6700 Vascular Cryptogams
7000 Mosses and Hepaticae
7300 Characeae
7400 Algae and Schizophyceae
7600 Lichens
7700 Fungi, Bacteria, and Mycetozoa
7900 Plants of unascertained position



Catalogue International de la Littérature scientifique.

(K) PALÉONTOLOGIE.

- 0000 Philosophie.
- 0010 Histoire. Biographie.
- 0020 Périodiques. Rapports d'Institutions, de Sociétés, de Congrès, etc.
- 0030 Traités généraux, Manuels, Dictionnaires, Bibliographies, Tables.
- 0040 Discours, Lectures et Conférences.
- 0050 Enseignement.
- 0060 Institutions, Musées, Collections. Applications pratiques.
- 0070 Nomenclature.
- 0100 Distribution géographique des animaux et des plantes dans les temps passés.
- 0150 Paléontologie stratigraphique; changements de formes dans les couches successives.
- 0200 Evolution. (*Voy. aussi* L 4300; N 0223; M 4400.)

Le symbole numérique qui devra être employé pour les livres et mémoires paléontologiques est obtenu par une combinaison du nombre stratigraphique (2 chiffres) avec un nombre (4 chiffres) représentant la subdivision du règne animal ou végétal à laquelle appartient la forme fossile décrite. Ainsi un mémoire sur les Céphalopodes triasiques devra porter l'indice K 65.2231; un mémoire sur les Fougères carbonifères portera l'indice K 55.6700.

Les nombres pour les subdivisions zoologiques sont identiques à ceux qui sont employés dans la classification zoologique. Les nombres pour les subdivisions botaniques sont identiques à ceux qui sont employés dans la classification botanique.

Les symboles alphabétiques pour la Topographie peuvent être ajoutés, si c'est nécessaire. Dans ce cas un mémoire sur les Poissons crétacés de la Turquie d'Asie porterait le symbole K 75.5431 *ei*.

Paléozoologie ou paléontologie
zoologique

	25	50	55	65	70	75	85	90	95
	Généralités, y compris les couches d'âge incertain.	Paléozoologie inférieure.	Paléozoologie supérieure.	Tribologie	Jurassique.	Crétacé.	Mésozoïque inférieur. Kocène Oligocène.	Néozoïque supérieur. Miocène Pliocène.	Pleistocène et terrains récents.
0231	Paléozoologie générale	...	...	65. 0231	70. 0231	75. 0231	85. 0231	90. 0231	95. 0231
5231	Vertébrés	35. 5231	50. 5231	55. 5231	65. 5231	75. 5231	85. 5231	90. 5231	95. 5231
6031	Mammifères	35. 6031	50. 6031	55. 6031	65. 6031	75. 6031	85. 6031	90. 6031	95. 6031
5831	Oiseaux	35. 5831	50. 5831	55. 5831	65. 5831	75. 5831	85. 5831	90. 5831	95. 5831
5631	Reptiles et Batraciens	35. 5631	50. 5631	55. 5631	65. 5631	75. 5631	85. 5631	90. 5631	95. 5631
5431	Poissons	35. 5431	50. 5431	55. 5431	65. 5431	75. 5431	85. 5431	90. 5431	95. 5431
5031	Tuniciers, Amphioxus, etc.	35. 5031	50. 5031	55. 5031	65. 5031	75. 5031	85. 5031	90. 5031	95. 5031
2431	Arthropodes, y compris les insectes	35. 2431	50. 2431	55. 2431	65. 2431	75. 2431	85. 2431	90. 2431	95. 2431
2431	Myriapodes	35. 2431	50. 2431	55. 2431	65. 2431	75. 2431	85. 2431	90. 2431	95. 2431
2031	Arachnides	35. 2031	50. 2031	55. 2031	65. 2031	75. 2031	85. 2031	90. 2031	95. 2031
2831	Xiphosures, Euryptérides, Trilobites, etc.	35. 2831	50. 2831	55. 2831	65. 2831	75. 2831	85. 2831	90. 2831	95. 2831
2231	Crustacés	35. 2231	50. 2231	55. 2231	65. 2231	75. 2231	85. 2231	90. 2231	95. 2231
2231	Mollusques, y compris les Cephalopodes, Gastropodes, Amphineures, Scaphopodes, et Lamellibranches (Pelecypodes)	35. 2231	50. 2231	55. 2231	65. 2231	75. 2231	85. 2231	90. 2231	95. 2231
2031	Brachiopodes, y compris les Bryozoaires	35. 2031	50. 2031	55. 2031	65. 2031	75. 2031	85. 2031	90. 2031	95. 2031
1431	Vers	35. 1431	50. 1431	55. 1431	65. 1431	75. 1431	85. 1431	90. 1431	95. 1431
1031	Echinodermes	35. 1031	50. 1031	55. 1031	65. 1031	75. 1031	85. 1031	90. 1031	95. 1031
0831	Cératopores, y compris les Graptolithoïdes	35. 0831	50. 0831	55. 0831	65. 0831	75. 0831	85. 0831	90. 0831	95. 0831
0631	Porifères	35. 0631	50. 0631	55. 0631	65. 0631	75. 0631	85. 0631	90. 0631	95. 0631
0431	Protozoaires	35. 0431	50. 0431	55. 0431	65. 0431	75. 0431	85. 0431	90. 0431	95. 0431
0131	Fossiles d'affinité ou d'origine douteuse	35. 0131	50. 0131	55. 0131	65. 0131	75. 0131	85. 0131	90. 0131	95. 0131

Paléobotanique ou Paléontologie botanique.		35	50	55	65	70	75	85	90	95
5000	Paléobotanique générale	...	...	...	...	...	...	...	...	...
5400	Dicotylédones ...	...	...	...	...	...	...	...	...	...
6000	Monocotylédones ...	...	...	...	...	...	...	...	...	...
6500	Gymnospermes ...	...	...	...	...	...	...	...	...	...
6700	Cryptogames vasculaires	...	...	...	...	...	...	...	...	...
7000	Mousses et hépatiques	...	...	...	...	...	...	...	...	...
7300	Characées ...	...	...	...	...	...	...	...	...	...
7400	Algues et Schizophycées	...	...	...	...	...	...	...	...	...
7600	Lichens ...	...	...	...	...	...	...	...	...	...
7700	Champignons, Bactéries, et Mycétozoaires	...	...	...	...	...	...	...	...	...
7900	Plantes incertae sedis	...	...	...	...	...	...	...	...	...
		35. 5000	50. 5000	55. 5100	65. 5000	70. 5000	75. 5000	85. 5000	90. 5000	95. 5000
		35. 5400	50. 5400	55. 5400	65. 5400	70. 5400	75. 5400	85. 5400	90. 5400	95. 5400
		35. 6000	50. 6000	55. 6000	65. 6000	70. 6000	75. 6000	85. 6000	90. 6000	95. 6000
		35. 6500	50. 6500	55. 6500	65. 6500	70. 6500	75. 6500	85. 6500	90. 6500	95. 6500
		35. 6700	50. 6700	55. 6700	65. 6700	70. 6700	75. 6700	85. 6700	90. 6700	95. 6700
		35. 7000	50. 7000	55. 7000	65. 7000	70. 7000	75. 7000	85. 7000	90. 7000	95. 7000
		35. 7300	50. 7300	55. 7300	65. 7300	70. 7300	75. 7300	85. 7300	90. 7300	95. 7300
		35. 7400	50. 7400	55. 7400	65. 7400	70. 7400	75. 7400	85. 7400	90. 7400	95. 7400
		35. 7600	50. 7600	55. 7600	65. 7600	70. 7600	75. 7600	85. 7600	90. 7600	95. 7600
		35. 7700	50. 7700	55. 7700	65. 7700	70. 7700	75. 7700	85. 7700	90. 7700	95. 7700
		35. 7900	50. 7900	55. 7900	65. 7900	70. 7900	75. 7900	85. 7900	90. 7900	95. 7900

Internationaler Katalog der naturwissenschaftlichen Litteratur.

(K) PALÄONTOLOGIE.

- 0000 Philosophie.
- 0010 Geschichte. Biographien.
- 0020 Periodica. Berichte von Instituten, Gesellschaften, Congressen etc.
- 0030 Allgemeine Abhandlungen, Lehrbücher, Wörterbücher, Bibliographien, Tabellen.
- 0040 Festreden, Vorträge.
- 0050 Pädagogik.
- 0060 Institute, Museen, Sammlungen, Wirthschaftliches und Organisatorisches.
- 0070 Nomenclatur.
- 0100 Vertheilung des Lebens (des thierischen und pflanzlichen) in vergangenen Zeiten.
- 0150 Zonare Paläontologie; Mutationen (Formenänderungen in auf einander folgenden Schichten) etc.
- 0200 Entwicklung. (*Siehe auch L 4300; N 0223; M 4400.*)

Das Zahlensymbol, welches für paläontologische Bücher und Schriften zu benutzen ist, wird gewonnen durch Combination der stratigraphischen geologischen Nummer (zwei Ziffern) mit einer vierziffrigen Zahl, welche die Unterabtheilung des Thier- oder Pflanzenreiches angiebt, zu der die beschriebenen fossilen Formen gehören. So würde eine Abhandlung über triassische Cephalopoden das Symbol erhalten: K 65.2231; eine solche über Farne des Carbon würde zu numeriren sein: K 55.6700.

Die Nummern für die zoologischen Unterabtheilungen sind identisch mit den im zoologischen Schema benutzten. Die Nummern für die botanischen Unterabtheilungen sind identisch mit den im botanischen Schema benutzten.

Wenn nöthig, können die alphabetischen Symbole für Topographie hinzugefügt werden. In diesem Falle würde eine Abhandlung über Fische der Kreide aus der asiatischen Türkei das Symbol tragen: K 75.5431 ei.

Pflanzenpaläontologie.		35	50	55	65	70	75	85	90	95
5000	Allgemeine Pflanzenpaläontologie	...	...	...	...	...	...	...	...	...
5400	Dicotyledonen	...	...	...	...	...	...	...	...	...
6000	Monocotyledonen...	...	...	...	...	...	...	...	...	...
6500	Gymnospermen	...	...	...	...	...	...	...	...	...
6700	Gefüß-Cryptogamen	...	...	...	...	...	...	...	...	...
7000	Laubmoose und Lebermoose	...	...	...	...	...	...	...	...	...
7300	Characeæ	...	...	...	...	...	...	...	...	...
7400	Algen (einschl. der Schizophyceen).	...	...	...	...	...	...	...	...	...
7600	Flechten	...	...	...	...	...	...	...	...	...
7700	Pilze (einschl. der Bacterien und Schleimpilze	...	...	...	...	...	...	...	...	...
7900	Pflanzen ungewisser Stellung	...	...	...	...	...	...	...	...	...
		35. 5000	50. 5000	55. 5000	65. 5000	70. 5000	75. 5000	85. 5000	90. 5000	95. 5000
		35. 5400	50. 5400	55. 5400	65. 5400	70. 5400	75. 5400	85. 5400	90. 5400	95. 5400
		35. 6000	50. 6000	55. 6000	65. 6000	70. 6000	75. 6000	85. 6000	90. 6000	95. 6000
		35. 6500	50. 6500	55. 6500	65. 6500	70. 6500	75. 6500	85. 6500	90. 6500	95. 6500
		35. 6700	50. 6700	55. 6700	65. 6700	70. 6700	75. 6700	85. 6700	90. 6700	95. 6700
		35. 7000	50. 7000	55. 7000	65. 7000	70. 7000	75. 7000	85. 7000	90. 7000	95. 7000
		35. 7300	50. 7300	55. 7300	65. 7300	70. 7300	75. 7300	85. 7300	90. 7300	95. 7300
		35. 7400	50. 7400	55. 7400	65. 7400	70. 7400	75. 7400	85. 7400	90. 7400	95. 7400
		35. 7600	50. 7600	55. 7600	65. 7600	70. 7600	75. 7600	85. 7600	90. 7600	95. 7600
		35. 7700	50. 7700	55. 7700	65. 7700	70. 7700	75. 7700	85. 7700	90. 7700	95. 7700
		35. 7900	50. 7900	55. 7900	65. 7900	70. 7900	75. 7900	85. 7900	90. 7900	95. 7900

Catalogo Internazionale della Letteratura Scientifica.

(K) PALEONTOLOGIA.

- 0000 Filosofia.
- 0010 Storia. Biografia.
- 0020 Periodici. Resoconti di Istituti, Società, Congressi, ecc.
- 0030 Trattati generali, Manuali, Dizionari, Bibliografie, Indici.
- 0040 Relazioni, Letture.
- 0050 Pedagogia.
- 0060 Istituti, Musei, Collezioni, Applicazioni pratiche.
- 0070 Nomenclatura.
- 0100 Distribuzione della Vita (Animale e Vegetale) nei passati tempi.
- 0150 Paleontologia Stratigrafica; Mutazioni (Cambiamenti di forma in strati successivi), ecc.
- 0200 Evoluzione. *Vedi anche* L 4300; N 0223; M 4400.

Il simbolo numerico da usarsi per libri e memorie paleontologiche è ottenuto colla combinazione del numero Stratigrafico-Geologico (per due cifre) col numero (quattro cifre) rappresentante la suddivisione del regno animale o vegetale al quale le descritte forme fossili appartengono. Così una memoria sopra Cefalopodi triassici avrà il simbolo K 65.2231; una sovra Felci carbonifere sarà numerata K 55.6700.

I numeri per le suddivisioni zoologiche sono identici con quelli usati nella schedula zoologica. I numeri per le suddivisioni botaniche sono identici con quelli usati nella schedula botanica.

I simboli alfabetici per la Topografia possono venir aggiunti, ove necessario. In tal caso una nota sovra Pesci Cretacei della Turchia Asiatica porterà il simbolo K 75.5431 *ei*.

Paleozoologia.

		Generale, includendo strati di non cono- scenza etc.	Paleozoico inferiore.	Paleozoico superiore.	Triassico.	Girasolico.	Cretacico.	Cenozoico inferiore. Eocene, Oligocene.	Cenozoico superiore. Miocene, Pliocene.	Pleistocene e recente.
0231	Paleozoologia generale	...	50.0231	55.0231	65.0231	70.0231	75.0231	85.0231	90.0231	95.0231
5231	Vertebrata	...	50.5231	55.5231	65.5231	70.5231	75.5231	85.5231	90.5231	95.5231
6031	Mammalia	...	60.6031	65.6031	65.6031	70.6031	75.6031	85.6031	90.6031	95.6031
5631	Aves	...	50.5631	55.5631	65.5631	70.5631	75.5631	85.5631	90.5631	95.5631
5631	Reptilia e Batrachia	...	50.5631	55.5631	65.5631	70.5631	75.5631	85.5631	90.5631	95.5631
5431	Pisces	...	50.5431	55.5431	65.5431	70.5431	75.5431	85.5431	90.5431	95.5431
5031	Tunicata, Amphioxus, etc.	...	50.5031	55.5031	65.5031	70.5031	75.5031	85.5031	90.5031	95.5031
2431	Arthropoda, inclusi Insecta	...	50.2431	55.2431	65.2431	70.2431	75.2431	85.2431	90.2431	95.2431
3431	Myriopoda	...	50.3431	55.3431	65.3431	70.3431	75.3431	85.3431	90.3431	95.3431
3031	Arachnida	...	50.3031	55.3031	65.3031	70.3031	75.3031	85.3031	90.3031	95.3031
2831	Xiphosura, Eurypterida, Trilobita, etc.	...	50.2831	55.2831	65.2831	70.2831	75.2831	85.2831	90.2831	95.2831
2631	Crustacea	...	50.2631	55.2631	65.2631	70.2631	75.2631	85.2631	90.2631	95.2631
2231	Mollusca, inclusi Cephalopoda, Gastropoda, Amphipoda, Scaphopoda e Lamellibranchiata (Pelecypoda)	...	50.2231	55.2231	65.2231	70.2231	75.2231	85.2231	90.2231	95.2231
2031	Brachyopoda, inclusi Bryozoa (Polizoa)	...	50.2031	55.2031	65.2031	70.2031	75.2031	85.2031	90.2031	95.2031
1831	Vermes	...	50.1831	55.1831	65.1831	70.1831	75.1831	85.1831	90.1831	95.1831
1031	Echinodermata	...	50.1031	55.1031	65.1031	70.1031	75.1031	85.1031	90.1031	95.1031
0831	Coelenterata, inclusi Graptolithoides	...	50.0831	55.0831	65.0831	70.0831	75.0831	85.0831	90.0831	95.0831
0631	Porifera	...	50.0631	55.0631	65.0631	70.0631	75.0631	85.0631	90.0631	95.0631
9431	Protozoa	...	50.9431	55.9431	65.9431	70.9431	75.9431	85.9431	90.9431	95.9431
0131	Fossili di dubbia affinità od origine	...	50.0131	55.0131	65.0131	70.0131	75.0131	85.0131	90.0131	95.0131

Paleobotanica (Paleofitologia).		35	50	55	55	70	75	85	90	95
5000	Paleobotanica generale	...	...	...	...	...	...	...	...	...
5400	Dicotiledoni...	...	...	...	...	...	...	...	...	...
6000	Monocotiledoni	...	...	...	...	...	...	...	...	...
6500	Gimnosperme	...	...	...	...	...	...	...	...	...
6700	Crittogame Vascolari	...	...	...	...	...	...	...	...	...
7000	Muschi ed Epatiche	...	...	...	...	...	...	...	...	...
7300	Caracee	...	...	...	...	...	...	...	...	...
7400	Algae e Schizophyce	...	...	...	...	...	...	...	...	...
7600	Licheni
7700	Fungi, Batteri e Micetozoi
7900	Piante di non accertata posizione



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70.2431 ARTHROPODA INCLUDING INSECTA.**d EUROPE.****dc German Empire.**

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75 CRETACEOUS.**75.0131 FOSSILS OF DOUBTFUL AFFINITY OR ORIGIN.**

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d **EUROPE.***dc* **German Empire.**

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d **EUROPE.***db* **Russia in Europe.**

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Clarke, E. The Fossils of the Waitemata and Papakura Series. Wellington, Trans. N. Zeal. Inst., 37, 1905, (413-421).

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Schütze, E. Die Fauna der schwäbischen Meeresmolasse. Tl 1: Spongien und Echinodermen. Stuttgart, Jahreshfte Ver. Natk., 60, 1904, (147-188, mit 4 Taf.).

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h CENTRAL AND SOUTH AMERICA.*hg* Bolivia.

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Pompeckj, J[osef F[elix]. *Mastodon*-Reste aus dem interandinen Hochland von Bolivia. Palaeontographica, Stuttgart, **52**, 1905, (17-56, mit 2 Taf.).

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Lehmann-Nitsche, Robert. Zur Vorgeschichte der Entdeckung von *Grypothierium* bei Ultima Esperanza. (Naturwissenschaftliche Abhandlungen. H. 29.) Berlin (F. Dümmler), 1901, (48). 23 cm.

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Richters, F[erdinand]. [Mikr. Untersuchung von *Grypothierium*-Dung.] Frankfurt a. M., Ber. Senckenb. Ges., **1904**, (46).

PALAEOZOOLOGY.

B. ZOOLOGICAL CLASSIFICATION.

0131 FOSSILS OF DOUBTFUL AFFINITY OR ORIGIN.

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0231 GENERAL PALAEOZOOLOGY.

0231.45 PALAEOZOIC.

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0231.55 UPPER PALAEOZOIC.

Clarke, John M[ason]. Naples fauna in Western New York. Part 2. Albany, N.Y., Mem. St. Mus., 6, 1904, (1l. + [199]-454, with map, text fig. and pl.). Separate. 30 cm.

Girty, George H. The Carboniferous formations and faunas of Colorado. [With bibliography.] Washington, D.C., Dept. Int. U. S. Geol. Surv., Prof. Paprs., 16, 1903, (564 + iii, with pl.). 28.5 cm.

0431 PROTOZOA.

0431.50 LOWER PALAEOZOIC.

Globigerina ? mantoensis n. sp. China, Cambrian. **Walcott, C. D.** Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (10).

0431.70 JURASSIC.

GENERAL.

Brückmann, R. Die Foraminiferen des litauisch-kurischen Jura. Königsberg, Schr. physik. Ges., 45, 1904, Abh., (1-36, mit 4 Taf.).

SPECIAL.

Ammodiscus nidiformis n. sp. Jura. **Brückmann, R.** Königsberg, Schr. physik. Ges., 45, 1904, Abh., (29-30, Taf. III).

Cristellaria nn. spp. Jura. **Brückmann, R.** l.c. Abh., (13-23, Taf. II-III).

Epistomina porcellanea n. sp. Jura. **Brückmann, R.** l.c. (26-27, Taf. IV).

Frondicularia nn. spp. Jura. **Brückmann, R.** l.c. (10-13, Taf. I).

Rhabdgonium pericardium n. sp. Jura. **Brückmann, R.** l.c. Abh., (32, Taf. IV).

0431.75 CRETACEOUS.

GENERAL.

Gough, G. C. Foraminifera in Irish greensand. Irish Nat., Dublin, 14, 1905, (109).

Wright, Joseph. Lower Greensand Foraminifera from Little Coxwell, near Faringdon. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (238-239).

SPECIAL.

Ammodiscus bartinensis n. sp. Deutschland. **Hucke, K.** Berlin, Zs. D. geol. Ges., 56, 1904, briefl. Mitt., (165-173).

Bradya Stache. **Stache, G.** Wien, Verh. Geol. RchsAnst., 1906, (106-113).

Cristellaria pommeranica n. sp. Deutschland. **Hucke, K.** Berlin, Zs. D. geol. Ges., **56**, 1904, briefl. Mitt., (165-173).

Frondicularia ampulla n. sp. Deutschland. **Hucke, K.** l.c.

Iagena pura n. sp. Deutschland. **Hucke, K.** l.c.

Marginulina rostrata n. sp. Deutschland. **Hucke, K.** l.c.

Xanthidium = Eier von Meeres-thieren. **Fuchs, T.** Centralbl. Min., Stuttgart, **1905**, (340-342).

0431.80 CAENOZOIC.

GENERAL.

Bagg, R. M., jun. Miocene Foraminifera from the Monterey shale of California, with a few species from the Tejon formation. [With bibliography.] Washington, D.C., U. S. Dept. Int., Bull. Geol. Surv., No. **268**, 1905, (78+III, with text fig. and pl.).

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SPECIAL.

Cyclammina uhligi Schub., u. *C. draga* Lieb. et Schub. **Schubert, R. J.** Wien, Verh. Geol. RchsAnst., **1904**, (353-356).

0431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

GENERAL.

Renault, B. Sur quelques nouveaux infusoires. Autun, Bul. soc. hist. nat., **16**, 1903, (Pr. verb., 25-27, av. fig.).

Schubert, R. J. Mitteleocäne Foraminiferen aus Dalmatien. III. Von der Insel Lavsa (bei Incoronata). Wien, Verh. Geol. RchsAnst., **1904**, (326-329).

——— Mitteleocäner Globigerinen-Mergel von Abbona (Istrien). l.c.

Steuer, A. Untersuchung des Tones über den bitumenreichen Sanden aus den Bohrlöchern von Steppenheim a. d. B. Darmstadt, Notizbl. Ver. Erdk., (4. F.), **25**, 1904, (22-27, mit 1 Taf.).

SPECIAL.

Nummulites, dimorphism of the English spp. **Lister, J. J.** London, Proc. R. Soc., **B 76**, 1905, (298-319, with 3 pls.); Cambridge, Proc. Phil. Soc., **13**, 1905, (1-2).

Orthophragmina nn. spp. Alpes. **Schlumberger.** Paris, Bul. Soc. géol., (sér. 4), **4**, 1904, (119-135, av. pl.).

Pulvinulina klemmi n. sp. Steppenheim. **Steuer, A.** Darmstadt, Notizbl. Ver. Erdk., (4 F.), **25**, 1904, (25, Taf. VIII).

Rotalia fallax n. sp. Steppenheim. **Steuer, A.** l.c. (24, Taf. VIII).

0431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

GENERAL.

Bagg, R. M., jun. Miocene Foraminifera from the Monterey shale of California, with a few species from the Tejon formation. [With bibliography.] Washington, D.C., U. S. Dept. Inst., Bull. Geol. Surv., No. **268**, 1905, (78+III, with text-fig. and pl.).

SPECIAL.

Bathysiphon. **Andrusov, N.** Mater. geol. Ross., St. Peterburg, **21**, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Lepidocyclina. **Lemoine, P.** et **Douvillé, R.** Paris, Bull. soc. géol., (sér. 4), **4**, 1904, (349).

Sagrina nn. spp. California. Miocene. **Bagg, R. M. jun.** Washington, D.C., U. S. Dept. Inst., Bull. Geol. Surv., **268**, 1905, (39-41, pl. VII).

0431.95 PLEISTOCENE AND RECENT.

Quadrula subglobosa, subfossil in Schweden. **Lagerheim, G.** Stockholm, Geol. För. Förh., **24**, 1902, (346-352, with pl.).

0631 PORIFERA.

0631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Minchin, E. A. A speculation on the phylogeny of the Hexactinellid sponges. Zool. Anz., Leipzig, **28**, 1905, (439-448).

0631.50 LOWER PALAEOZOIC.

Protospongia chloris n. sp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (10).

Receptaculites australis Salter. *R. fergusonii* n. sp. Queensland. Chapman, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 18, 1905, (6-7).

0631.55 UPPER PALAEOZOIC.

Sphenodictya n. gen., *S. cornigera*. Herzer, H. Columbus, Rep. Ohio Acad. Sci., 9, 1900, 1901, (39-51, with illustr.).

0631.75 CRETACEOUS.

Cribrospongia reticulata Goldf. Favre, J. Charikov, Trd. Obsé. ispyt. prir., 28, 2, 1903, (96-97).

Plocoscyphia sp. Favre, J. L.c. (97-98).

Scyphia beaumontii Reuss. Favre, J. L.c. (97).

Ventriculites. Favre, J. L.c. (94-96).

0631 COELENTERATA.

0631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

GENERAL.

Duerden, J. E. . . . Recent and fossil corals. Grant No. 12. [Preliminary report.] Washington, D.C., Carnegie Inst. Year Book, 1903, No. 2, 1904, (xli-xlii).

Jakolev, N. N. Ueber die Morphologie und Morphogenie der Rugosa. St. Petersburg, Verb. Russ. mineral. Ges., (Ser. 2), 41, 1903, (325-415).

Römer, F. [Bericht über die wissenschaftl. Leistungen in d. Naturgesch. der] Graptolithida für 1896-1900. Arch. Natg., Berlin, 65, Bd 2, H. 3, 1899 [1905], (49-62).

Schreyer, A. Ueber die der Graptolithen im zoologischen N. Jahrb. Min., Stuttgart, 1 (79-98).

Schönichen, W. Die Graptolithen, Berlin, 15, 1904 (823).

Vaughan, T. W. A critical review of the literature on the simple and the Madreporaria Fungida, with a new classification. [With bibliography.] Washington, D.C., Smithsonian Nation. Mus., Proc., 29, 1905 (424).

Some recent literature on the stony corals and a review "Steinkorallen" von Dr. E. Marenzeller. Science, New York (N. Ser.), 20, 1904, (648-647).

SPECIAL.

Cyphastraea intermedia n. sp. ten. Felix, J. Berlin, Zool. Ges., 56, 1905, Aufsätze, (193, fig. 1).

Favia minor n. form. E. Felix, J. L.c. (199, pl. X, fig. 6).

Favosites argentina n. sp. tiuian. Thomas, I. L.c. 57, 1905, Aufsätze, (208-269, pl. XII).

Kerunia symbiosis. Neppa, I. Mag. Nat. Hist., London, (Ser. 1905, (95-102, with pl. and figs.)).

Leptophyllidae n. nom. (= *Eth Gregory*). Vaughan, T. W. Washington, D.C., Smithsonian Inst. Nation. Mus., Proc., 29, 1905, (391-392).

Micrabaciidae n. fam. Vaughan, T. W. L.c. (371-424).

Orbicella n. spp. Aegypten. J. Berlin, Zool. D. geol. Ges., 54 Aufsätze, (171, 195, pl. X, fig. 5).

Parapionema kein Echinoderm ~ *Porpita*. Fuchs, T. Ce Min., Stuttgart, 1905, (357-350).

Solenastraea anomala n. sp. ten. Felix, J. Berlin, Zool. D. Ges., 56, 1904, Aufsätze, (173, fig. 3).

0831.45 PALAEOZOIC.

Duerden, J. E. Recent results on the morphology and development of coral polyps. Washington D.C., Smithsonian Inst., Misc. Coll. Q., **47**, 1904, (93-111, with text fig.).

——— A method of studying the septal sequence in paleozoic corals. Chapel Hill, N.C., J. Elisha Mitchell Sci. Soc., **19**, 1903, ([32]-33).

Greene, George K. Contribution to Indiana palaeontology. Part 10. New Albany, Ind., 1902, (85-97 + 3 l., with pl.). 22.8 cm.

0831.50 LOWER PALAEOZOIC.

GENERAL.

Kerforné, F. Notes sur quelques échantillons de graptolithes de Bretagne intéressants au point de vue de l'organisation et du développement. Rennes, Bul. soc. sci. méd., **11**, 1902, (124-127, av. 1 fig.).

Noel, C. Sur la faune des Lydiennes du Grès vosgien. Paris, C.-R. Acad. sci., **138**, 1904, (1531-1533).

Želisko, J. V. Notiz über die Korallen des mittel-böhmischen Obersilur aus dem Fundorte „V. Kozle.“ Wien, Verh. Geol. RchsAnst., **1904**, (304-307).

Actinostroma trentonensis n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (139, pls. VI and VII).

Anthograptus n. gen. *A. nidus* n. sp. Sweden. **Törnquist, S. L.** Lund, Univ. Årsskr., **40**, 1904, Afd. 2, No. 2, (22-23, with pl.).

Bryograptus simplex n. sp. Sweden. **Törnquist, S. L.** l.c. (3-4, with pl.).

Limacograptus wellingtonensis n. sp. Victoria. **Hall, T. S.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **18**, 1905, (22).

Clonograptus subtilis n. sp. Sweden. **Törnquist, S. L.** Lund, Univ. Årsskr., **40**, 1904, Afd. 2, No. 2, (20-21, with pl.).

Cryptograptus tricornis Carruthers figured. **Hall, T. S.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **18**, 1905, (22).

Dendrograptus maximus n. sp. **Wiman, C.** Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (187-188, with pl.).

Desmograptus ? formosus n. sp. **Wiman, C.** l.c. (188-189, with pl.).

Dicellograptus elegans Carruthers figured. **Hall, T. S.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **18**, 1905, (23).

——— *laxatus* n. sp. Norway. **Lapworth, Chas.** Norges geol. Und., Kristiania, No. **39**, (Appendix), 1905, (9-10, with fig.).

Dichograptus regularis n. sp. Sweden. **Törnquist, S. L.** Lund, Univ. Årsskr., **40**, 1904, Afd. 2, No. 2, (20, with pl.).

Dicranograptus nicholsoni Hopkinson figured; *D. hians* n. sp. Victoria. **Hall, T. S.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **18**, 1905, (24).

Didymograptus euodus Lapw. var., *bjørlykki* n. var.; *D. bifidus*, *D. gibberulus*, *D. nicholsoni*, *D. hirundo*, *D. extensus*. **Lapworth, C.** Norges geol. Und., Kristiania, No. **39**, (Appendix), 1905, (10-15, with fig.).

Diplograptus teretiusculus. Norway. **Lapworth, C.** Norges geol. Und., Kristiania, No. **39**, (Appendix), 1905, (1-9).

——— *thielei* n. sp. Victoria. **Hall, T. S.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **18**, 1905, (21).

Discograptus n. gen., *D. schmidtii* n. sp. **Wiman, C.** Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (191-192, with pl.).

Favosites corrugatus n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (220, pl. XVII, figs. 1 and 2).

Galeograptus n. gen., *G. urennersteni* n. sp. **Wiman, C.** Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (189-191, with pl.).

Inocaulis musciformis n. sp. **Wiman, C.** l.c. (191, with pl.).

Phyllograptus angustifolius. Norway. **Lapworth, C.** Norges geol. Und., Kristiania, No. **39**, (Appendix), 1905, (1-8).

Reticulograptus n. gen., type *Dictyonema tuberosum* Wim. **Wiman, C.** Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (189-191, with pl.).

Romingeria ? trentonensis n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (138, pl. VI, fig. 5).

Schizograptus nn. spp. Sweden. Törnquist, S. L. Lund, Univ. Årsskr., 40, 1904, Afd. 2. No. 2, (24-26, with pl.).

Tetragraptus testrogothus n. sp. Sweden. Törnquist. l.c. (7, with pl.).

0831.55 UPPER PALAEOZOIC.

Amplexus cornutus n. sp. Central-Russland. Stuckenberg, A. St. Peterburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (13); deutsches Rés., (74-75).

Anisophyllum carbonicum n. sp. Central-Russland. Stuckenberg, A. l.c. (19); deutsches Rés., (79-80).

Aulopora repens. Stuckenberg, A. l.c. (6).

Campophyllum nn. spp. Central-Russland. Stuckenberg, A. l.c. (21-23); deutsches Rés., (80-83).

———— *uralicum*. Tokarenko, I. Kazan', Trd. Obšč. jest., 37, 2, 1903, (6).

Caninia, nn. spp. Central-Russland. Stuckenberg, A. St. Peterburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (24-32); deutsches Rés., (88-90).

Chaetetes radians, *C. fischeri*. Stuckenberg, A. l.c. (11).

Chonaxis verneuili. Stuckenberg, A. l.c. (44); deutsches Rés., (95-97).

Cladochonus schlüteri. Tokarenko, I. Kazan', Trd. Obšč. jest., 37, 2, 1903, (6-7).

Cladopora multiseriata n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (271, pl. XXVI, figs. 2 and 3).

Clisiophyllum nn. spp. Central-Russland. Stuckenberg, A. St. Peterburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (50-53); deutsches Rés., (101-105).

Cyathophyllum regium. Stuckenberg, A. l.c. (20); deutsches Rés., (80).

Cyclophyllum nn. spp. Central-Russland. Stuckenberg, A. l.c. (47-50); deutsches Rés., (98-101).

Dybowskiella rossica n. sp. Central-Russland. Stuckenberg, A. l.c. (13); deutsches Rés., (74).

Dibunophyllum nn. spp. Central-Russland. Stuckenberg, A. l.c. (56-57).

Fischerina n. gen., *F. rossica* n. sp. Central-Russland. Stuckenberg, A. l.c. (58); deutsches Rés., (107-108).

Geinitzella columnaris var. *incrustans*. Stuckenberg, A. l.c. (12).

Heliophyllum nn. spp. Indiana. Devonian. Greene, G. K. Cont. Ind. palaeont., New Albany, Ind., pt. 18, 1902, (85, pl. XXVIII, figs. 1-5).

Hexaphyllia n. gen., *H. prismatica* n. sp. Central-Russland. Stuckenberg, A. l.c. (5); deutsches Rés., (72).

Koninckophyllum nn. spp. Central-Russland. Stuckenberg, A. l.c. (45-46); deutsches Rés., (97-98, mit 9 Taf.).

Lithostrotion rossicum n. sp. Central-Russland. Stuckenberg, A. l.c. (36); deutsches Rés., (92-93).

Lonsdaleia nn. spp. Central-Russland. Stuckenberg, A. l.c. (41-42); deutsches Rés., (93-95).

Lophophylloides n. gen., *L. schellwieni* n. sp. Central-Russland. Stuckenberg, A. l.c. (34); deutsches Rés., (91-92).

Lophophyllum nn. spp. Central-Russland. Stuckenberg, A. l.c. (17-19); deutsches Rés., (77-79).

Menophyllum. Stuckenberg, A. l.c. (16).

———— *ulrichanum* n. sp. Colorado. Girty, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paper., 16, 1903, (271).

Michelinia tenuisepta. Stuckenberg, A. St. Peterburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (12).

Pachyphyllum nn. spp. Iowa. Webster, C. L. Iowa Nat., Iowa City, Iowa, 1, 1905, (70-71).

Pseudozaphrentoides n. gen., *P. jero-fceiri* n. sp. Central-Russland. Stuckenberg, A. St. Peterburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (33); deutsches Rés., (90-91).

Strephodes murchisoni, *S. giganteus*. Stuckenberg, A. l.c. (58-59).

Stromatoporella cracoviensis n. sp. Gürich, G. Wien, Beitr. Pal. Geol. OestUng., 17, 1904, (1-5, mit 1 Taf.).

Syringopora rossica n. sp. Central-Russland. Stuckenberg, A. l.c. (7-11); deutsch. Rés., (73).

Trachypora oriskania n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (341, pl. XLV, figs. 1 and 2).

Zaphrentis. **Stuckenberg**, A. St. Petersburg, Mém. Com. géolog., (N. Sér.), **14**, 1904, (14).

—— *amplexiformis* n. sp. Indiana. Devonian. **Greene**, G. K. Cont. Ind. palaeont., New Albany, Ind., pt. **10**, 1902, (86, pl. XXVIII, figs. 6-8).

Zaphrentoides nn. spp. Central-Russland. **Stuckenberg**, A. St. Petersburg, Mém. Com. géolog., (N. Sér.), **14**, 1904, (15-16); deutsches Rés., (75-76).

0831.70 JURASSIC.

Aplosmilia sokolovii n. sp. Russia. **Missuna**, A. Moskva, Bull. Soc. Nat., **1904**, (193-194, 3 Taf.).

Axosmilia cf. *cylindrata*. **Missuna**, A. l.c. (191).

Dimorphastraea cf. *dubia*, cf. *vasiformis*, *D. lineata*. Russia. **Missuna**, A. l.c. (213-216).

Enallohelis. **Missuna**, A. l.c. (188-189).

Epismilia nn. spp. Russia. **Missuna**, A. l.c. (189-190).

Epistreptophyllum tenue. **Missuna**, A. l.c. (207).

Goniocora taurica n. sp. Russia. **Missuna**, A. l.c. (205-206).

Heliocoenia variabilis. **Missuna**, A. l.c. (196).

Isastraea minima n. sp. Russia. **Missuna**, A. l.c. (205).

Latimaeandra compacta n. sp. Russia. **Missuna**, A. l.c. (204-205).

Latusastraea alveolaris. **Missuna**, A. l.c. (206).

Leptophyllia nn. sp., *L. fungina*, *L. plana*, *L. fromenteli*. Russia. **Missuna**, A. l.c. (207-211).

Microsolena culcitaeformis. **Missuna**, A. l.c. (216).

Montlivaultia nn. spp. Russia. **Missuna**, A. l.c. (200-202).

Plexiosmilia gracilis. **Missuna**, A. l.c. (190).

Rhippidogyra magna n. sp., *R. elegans*, *R. crassa*. Russia. **Missuna**, A. l.c. (191-193).

Stylina compressa n. sp. Russia. **Missuna**, A. l.c. (195-196).

Thamnastraea cf. *walcotti*, *T. patina*, *T. cf. digetata*. **Missuna**, A. l.c. (211-213).

Thecosmilia vasiformis n. sp. Russia. **Missuna**, A. l.c. (203).

0831.75 CRETACEOUS.

Astrocoenia subornata d'Orb. var. *africana*. **Dacqué**, E. Wien, Beitr. Pal. Geol. OstUng., **17**, 1904, (11, Taf. II., fig. 5).

Parasmilia (centralis?) Mant. **Favre**, I. Char'kov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (98-99).

0831.80 CAENOZOIC.

Antilloseris n. gen., (type *Turbinoseris eocaenica* Duncan). West Indies. **Vaughan**, T. W. Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., **28**, 1905, (390-391).

Orbicella theresiana n. sp. Columbia. **Felix**, J. München, SitzBer. Ak. Wiss., math-phys. Cl., **35**, 1905, (85-93).

Physoseris n. gen., (type *Trochosmilia insignis* Duncan). West Indies. **Vaughan**, T. W. Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., **28**, 1905, (396-397).

0831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Alveopora gracilis n. sp. Madagascar. **Tornquist**, A. Frankfurt a. M., Abh. Senckenb. Ges., **27**, 1904, (331-332, Taf. XLVI).

Dendracis meridionalis n. sp. Madagascar. **Tornquist**, A. l.c. (321 + Taf. XLVI).

Goniopora parkinsoni (Gregory-Litharaea). **Newton**, R. B. London, Q. J. Geol. Soc., **61**, 1905, (174).

0831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Flabellum papakurense n. sp. New Zealand. **Clarke**, E. Wellington, Trans. N. Zeal. Inst., **37**, 1905 (415, pl. XXXII, figs. 1, 2).

1031 ECHINODERMATA.

1031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

GENERAL.

Bather, [F. A.]. [Echinoderms as Rock-builders.] London, Q. J. Geol. Soc., 61, 1905, (Proc. lxxxvii).

Savin, L. Catalogue des échinides de la Savoie. Paris, C.-R. ass. franç. avanc. sci., 31, (Montauban, 1902), 1^{re} partie, 1902, (211-212); 2^e partie, 1903, (489-491).

SPECIAL.

Parapneuma kein Echinoderm sondern ~ *Porpita*. Fuchs, T. Centralbl. Min., Stuttgart, 1905, (354-359).

1031.45 PALAEOZOIC.

Rowley, R. R. A review of Dr. G. Hambach's "Revision of the Blastoides . . ." In: Greene, G. K. Contribution to Indiana paleontology. Part 19. New Albany, Ind., 1904, (192-197).

1031.53 LOWER PALAEOZOIC.

GENERAL.

Jaekel, O. Ueber sogenannte Lobolithen. Berlin, Zeits. D. geol. Ges., 56, 1904, Protokolle, (59-63).

Rowley, R. R. The Echinodermata of the Missouri Silurian and a new Brachiopod. Amer. Geol., Minneapolis, Minn., 34, 1904, ([260] 282, with 1 pl.).

SPECIAL.

Calceocrinus alleni n. sp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 34, 1904, (275, pl. XVI).

Cameroocrinus ulrichi var. *stellifer* n. var. Indian Territory, Silurian. Schuchert, C. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (272).

Cleioocrinus. Lower Silurian. Springer, F. Cambridge, Mass. Mem. Mus. Comp. Zool. Harvard Coll., 25, 1905, (1 l. + [93]-114, with text fig. and 1 pl.).

Cordylocrinus ? dubius n. sp. 1 R. R. Amer. Geol., Minneapolis, 34, 1904, (272, pl. XVI).

Cyathocrinus ? oculis n. sp. 1 R. R. Id. (271, pl. XVI).

Gisocrinus ? problematicus Rowley, R. R. Id. (277, pl. XVI).

Glyptocrinus nn. spp. Rowley Id. (275-278, pl. XVI).

Jackelocystis nn. spp. West V Schuchert, C. Washington, D.C.,sonian Inst., Misc. Collect. Q., 47 (225-226).

Lamptrocrinus ? comptus n. sp. Rowley, R. R. Amer. Geol., Minn. Minn., 34, 1904, (279, pl. XVI).

Lapworthura miltoni, structure. W. J. London, Rep. Brit. Ass. (1905), (546).

Locanoocrinus ? hemisphericus Rowley, R. R. Amer. Geol., Minn. Minn., 34, 1904, (271, pl. XVI).

Lepocrinites manlius n. sp. Virginia. Schuchert, C. Wash D.C., Smithsonian Inst., Misc. Coll. 47, 1904, (214).

Melocrinus wittenbergensis Rowley, R. R. Amer. Geol., Minn. Minn., 34, 1904, (274, pl. XVI).

Pisocrinus nn. spp. Rowley, Id. (270, pl. XVI).

Pseudoerinites nn. spp. 1 United States. Schuchert, C. W. ton, D.C., Smithsonian Inst., Mus. Q., 47, 1904, (231-235).

Sphaerocystites bloomfieldensis S. *globularis* var. *ovalis* n. var. sylvania. Schuchert, C. Id. (25).

Tetracystis n. gen., T. *chrysa fenestratus* nn. spp. Tennessee Virginia. Schuchert, C. Id. (217).

Trimerocystis n. gen., T. *pecul* sp. Schuchert, C. Id. (237-238).

1031.55 UPPER PALAEOZOIC.

Archaeocidaris ourayensis Colorado. Girty, G. H. Wash D.C., Dept. Int. U. S. Geol. Surv. Paper, No. 15, 1903, (329).

Codaster attenuatus var., *roba* var. Rowley, R. R. In: Greene Cont. Ind. palaeont., New Albany, pt. 10, 1902, (99, pl. XXX).

Cyathocrinus sp. **Tokarenko**, L. Kazan', Trd. Obšč. jest., **37**, 2, 1903, (7).

Ichthyocrinus magnaradialis n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (86, 299, pl. XXXIII).

Maragnicrinus n. gen., *M. portlandicus* n. sp. New York. Devonian. **Whitfield**, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **21**, 1905, (17-18).

Orbitremites nn. spp. Indiana. **Rowley**, R. R. In: **Greene**, G. K. Cont. Ind. palaeont., New Albany, Ind., pt. **10**, 1902, (86, pl. XXIX, 96, pl. XXX). 22.8 cm.

Pentremites conoideus nn. var. Indiana. **Rowley**, R. R. In: **Greene**, G. E. l.c. (87-88).

Pentremitidea nn. spp.; *P. leda*? var. *magna* n. var. Indiana. **Rowley**, R. R. In: **Greene**, G. K. l.c. (92-93, pl. XXX).

Sympterura n. gen., *S. minveri* n. sp. Cornwall. **Bather**, F. A. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (161-169, with pl.).

1031.70 JURASSIC.

GENERAL.

Dacqué, Edgar. Beiträge zur Geologie des Somalilandes. II. Theil: Oberer Jura. Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (119-159, mit 5 Taf.).

Remes, M. Ueber Difformitäten der Crinoiden aus dem roten Kalk von Kopřivnice. (Čechisch) Prostějov, Věstn. Kl. přír., **4**, 1902, (76-82, mit 2 Taf.).

SPECIAL.

Apiocrinus. **Remeš**, M. Wien, Beitr. Geol. Pal. OstUng., **18**, 1905, (61-62).

Balanocrinus. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. IdMus., **4**, 1904, (89-154, mit 1 Taf.).

Cidaris moravica n. sp. Ungarn. **Remeš**, M. Wien, Beitr. Geol. Pal. OstUng., **18**, 1905, (63).

Cyrtocrinus digitatus n. sp. Ungarn. **Remeš**, M. l.c. (60).

(K-11720)

Pentacrinus wiesbauri n. sp. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. IdMus., **4**, 1904, (89-154, mit 1 Taf.).

Pseudocidaris ellenbecki n. sp. Somaliland. **Dacqué**, E. Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (124-125, Taf. XIV, figs. 3-4).

Pseudosaccocoma n. gen., *P. strambergense* n. sp. Ungarn. **Remeš**, M. l.c. **18**, 1905, (62-63).

Thiolliericrinus. Ungarn. **Remeš**, M. l.c. (60-61).

1031.75 CRETACEOUS.

Ananchytes ovata. Lamck. **Favre**, I. Char'kov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (101-102, Taf. II).

Cidaris papillata. Mant. **Favre**, I. l.c. (99).

Comptonia comptoni (Forbes; *Stellaster*, 1848). **Spencer**, W. K. London, Monogr. Palaeont. Soc., **59**, 1905, (69).

Discoidea subucula. **Bather**, F. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **15**, 1905, (145-148).

Echinoconus sp. **Favre**, I. Char'kov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (100).

Hemiaster. **Lambert**, J. Auxerre, Bul. soc. sci. hist. nat., 2^e partie, Sci. phys. Nat., **57**, 1903, [1904], (21-31).

Holaster sp. **Favre**, I. Char'kov, Trd. Obšč. ispyt. prir. **38**, 2, 1903, (100-101).

Isocrinus holsaticus n. sp. **Jaekel**, O. Berlin. SitzBer. Ges. natf. Freunde, **1904**, (191-196, mit 1 Taf.).

Mitraster compactus (Forbes; *Gonias-ter*, 1848). **Spencer**, W. K. London, Monogr. Palaeont. Soc., **59**, 1905, (67).

Noetlingia de Madagascar. **Boule**, M. Paris, Bul. soc. géol., (sér. 4), **4**, 1904, (172-173).

Nymphaster radiatus, n. sp. U.K. **Spencer**, W. K. London, Monogr. Palaeont. Soc., **59**, 1905, (73).

Pentaceros (Forbes; *Oreaster*, 1848); nn. spp. U.K., *P. bulbiferus*, *P. boysii*, *P. coronatus*, *P. squamatus*, *P. ocellatus*, *P. pistilliferus*. **Spencer**, W. K. London, Monogr. Palaeont. Soc., **59**, 1905, (77-88).

Pentagonaster obtusus (Forbes; *Oreaster*, 1848); *P. robustus* n. sp. U.K. Spencer, W. K. l.c. (73-74).

Tetragramma variolare Agassiz. Favre, I. Charikov, Trd. Obšč. ispyt. pri., 33, 2, 1903, (99-100).

1031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Fibularia voeltzkowii n. sp. Madagascar. Tornquist, A. Frankfurt a. M., Abh. Senckenb. Ges., 27, 1904, (328-329, Taf. xlv).
Fibulina n. gen., *F. gracilis* n. sp. Madagascar. Tornquist, A. l.c. (327-328, Taf. xlv).

Schizaster houca n. sp. Madagascar. Tornquist, A. l.c. (329-331, Taf. xlv).

1031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Sphaeraster molassicus n. sp. Suabia. Schütze, E. Stuttgart, Jahreshefte Ver. Nath., 60, 1904, (155).

Stirechinus suevicus n. sp. Suabia. Schütze, E. l.c. (169).

1831 VERMES.

1831.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

Torlessia n. gen., *T. mackayi* n. sp. N. Zealand. Bather, F. A. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (537).

1831.55 UPPER PALAEOZOIC.

Spirorbis pusillus du terrain houiller de Bruay; formation du tube des spirorbes et leur adaptation en eau douce à l'époque houillère. Malaquin, A. Lille, Ann. soc. géol., 33, 1904, (63-75, av. pl.).

1831.70 JURASSIC.

GENERAL.

Dacqué, Edgar. Beiträge zur Geologie des Somalilandes. II. Theil. Oberer Jura. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (119-159, mit 5 Taf.).

SPECIAL.

Serpula. Somaliland. Daqué, E. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (125-126).

——— Mähren. Ruzhák, A. Brunn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

1831.75 CRETACEOUS.

Serpula gordialis, Schloth. Favre, I. Charikov, Trd. Obšč. ispyt. pri., 33, 2, 1903, (91-173, av. 4 pls., 102-103).

1831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Spirorbis. Galizien. Friedberg, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

2031 BRACHIOPODA AND BRYOZOA.

BRACHIOPODA.

Stropheodonta argentina n. sp. Argentinien. Thomas, I. Berlin, Zs. D. geol. Ges., 57, 1905, Aufsätze, (201, pl. XIII).

2031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Didymospira (*Anisactinella*) nn. spp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (75-78, Taf. IV).

Rhynchonella nn. spp. Predazzo. Philipp, H. l.c. (80-85, Taf. V).

Spirigera wissmanni var. *angulata* n. var. Predazzo. Philipp, H. l.c. (79, Taf. V).

2031.50 LOWER PALAEOZOIC.

GENERAL.

Walcott, C. D. Cambrian Brachio-poda with descriptions of new genera and species. Washington, D.C., Smithsonian Inst., Nation Mus. Proc., 28, 1905, (1 l. + 227-337).

SPECIAL.

Acrothele nn. spp. China. Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **28**, 1905, (303-304).

———— *mattheiri* var. *eryx* n. var. China. Cambrian. **Walcott**, C. D. *l.c.* **29**, 1905, (11).

Acrothyra minor n. sp. Idaho. Cambrian. **Walcott**, C. D. *l.c.* **28**, 1905, (303).

Acrotreta nn. spp. China and United States. Cambrian. **Walcott**, C. D. *l.c.* (299-304).

———— nn. spp. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (54-55, with pl.).

Billingsella nn. spp. Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **28**, 1905, (230-245).

Camarella inornata n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (157-158, pl. X, figs. 8-10).

———— *törnquisti* n. sp. **Wiman**, C. Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (175, with pl.).

Causea n. gen., *C. formosa* n. sp. **Wiman**, C. *l.c.* **6**, 1902-03, [1905], (53-54, with pl.).

Centronella? nn. spp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (311-312, 261-262, pls. XXIV-XXVII, figs. 1-10).

Crania turnbulli n. sp. U.K. **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (447).

Curticia n. gen., type *C. elegantula* n. sp. Minnesota. Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **28**, 1905, (319-320).

Cyrtina magnaplicata n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (238, pl. XXI, figs. 46-49).

Dalmanella postclegantula n. sp. **Weller**, S. *l.c.* (232, pl. XX, figs. 25-26).

Dicellomus nn. spp. China and southern United States. Cambrian. (K-11720)

Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **28**, 1905, (314-318).

Elkania bellula n. sp. Nevada. Cambrian. **Walcott**, C. D. *l.c.* (323).

Eostrophomena n. subgen. (of *Strophomena*), type. Sweden. Cambrian. **Walcott**, C. D. *l.c.* 256.

Finkelburgia n. subgen. (of *Orthis*), type, *F. finkelburgi*. Wisconsin and Minnesota. Cambrian. **Walcott**, C. D. *l.c.* (277-278).

Hyattella? *lamellosa* n. sp. **Weller**, S. New Jersey Geol. Surv. Trenton, N.J., Rep. Paleont., **3**, 1903, (258, pl. XLVIII, figs. 7-12).

Iphidella n. gen., *Iphidella labradorica* var. *orientalis* n. var., var. *utahensis* n. var., *I. major*, *I. nisus*, *I. panula* var. *maladensis* n. var., var. *orphirensis* n. var. nn. spp. Canada, China and United States. Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **28**, 1905, (304-306).

Jamesella n. subgen. (of *Nisusia*), type *Orthis perpasta* (Pompeckj). Cambrian. **Walcott**, C. D. *l.c.* (252).

Kutorgina nn. spp. Nevada and Sardinia. Cambrian. **Walcott**, C. D. *l.c.* (310-311).

Lingula bottnica n. sp. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (51, with pl.).

———— *yarraensis* nom. mut. for *L. latior* Chapman non M'Coy. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **18**, 1905, (19).

Loperia n. subgen. (of *Protorthis*, type *P. (L.) dougaldensis* n. sp. Nova Scotia. Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **28**, 1905, (287).

Nisusia n. gen., type *Orthis festinata* Billings, *N. amii*, *N. argenta*, *N. erecta*, *N. utahensis* nn. spp. Canada and Western United States. Cambrian. **Walcott**, C. D. *l.c.* (247-256).

Obolella asiatica n. sp. China. Cambrian. **Walcott**, C. D. *l.c.* (297).

Obolus nn. spp. Cambrian. **Walcott**, C. D. *l.c.* (324-337).

Orthis nn. spp. Wisconsin and Minnesota. Cambrian. Walcott, C. D. *l.c.* (278-280).

———— *newtonensis* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (113, pl. I, figs. 3-5).

———— *porcata*, McCoy var. *sladensis* n. var. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (448).

Orthothetes deckerensis n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (229-230, pl. xx, figs. 6-7).

Orusia n. gen. (of *Orthis*), type *Orthis lenticularis* Wahlenberg. Cambrian. Walcott, C. D. Washington, D.C. Smithsonian Inst., Nation. Mus., Proc., 28, 1905, (273).

Otusia n. subgen. (of *Billingsella*), type *Orthis sandbergi* N. H. Winchell. Cambrian. Walcott, C. D. *l.c.* (246).

Pentamerus circularis n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (233, pl. XX, figs. 17-19).

Plectambonites papillosa n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (451).

Plectorthis nn. spp. Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., 28, 1905, (261-272).

Polytoechia? *montanensis* n. sp. Montana. Cambrian. Walcott, C. D. *l.c.* (295-296).

Protorthis nn. spp. Cambrian. Walcott, C. D. *l.c.* (282-288).

Quebecia n. gen. type *Obolella circe* Billings. Cambrian. Walcott, C. D. *l.c.* (320-321).

Rhipidomella preoblata n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (232-233, pl. X, figs. 25-26).

Rhynchonella nn. spp. Weller, S. *l.c.* (234-235, pl. XXI, figs. 1-4, 5-11).

Rustella n. gen., type *R. edsoni* n. sp. Vermont. Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., 28, 1905, (311-312).

Schuchertina n. gen., type *S. cambria* n. sp. Montana. Cambrian. Walcott, C. D. *l.c.* (323-324).

Stenidium? *nodocostatum* n. sp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 34, 1904, ([289]-292, with 1 pl.).

Spirifer laevicosta McCoy = *S. gressensis* de Kon.; *S. howitti* n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 18, 1905, (16-18).

———— *canadensis* Hall var. *minor* n. var. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (238, pl. XXI, figs. 41-42).

Strophomena (Eostrophomena) elegantula n. sp. Sweden. Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 27, 1905, (256-257).

———— *mediocostalis* n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (449).

Swantonina n. gen., type *Camerella antiqua* Billings, *S. weeksi* n. sp. Nevada. Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 28, 1905, (296-297).

Syntrophia nn. spp. China and United States. Cambrian. Walcott, C. D. *l.c.* (289-295).

———— *orthia* n. sp. China. Cambrian. Walcott, C. D. *l.c.* 29, 1905, (11).

Trematis multistriata n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (446).

Wilsonia globosa n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (235, pl. XXI, figs. 12-12).

Zygospira hicksi n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (452).

2031.55 UPPER PALAEOZOIC.

GENERAL.

Karczewski, S. Sur la faune des couches au dessous du "Reden" (= Namurien sup.) du bassin houillier de Dabrowa Górnicza. (Polish) Pam. fizyogr., Warszawa, 18, 1904, (Partie II, 95-102, av. 1 tabl.).

Noetling, F. Untersuchungen über die Familie *Lyttoniidae* Waag. emend. Noetling. Palaeontographica, Stuttgart, **51**, 1905, (129–156, mit 4 Taf.).

——— Ueber den Bau und die Organisation der *Lyttoniidae* Waagen. Verb. D. zool. Ges., Leipzig, **14**, 1904, (103–122).

SPECIAL.

Ambocoelia carbonaria n. sp. U.K. **Hind**, W. London, Q. J. Geol. Soc., **61**, 1905, (531).

Athyris concentrica. **Tokarenko**, L. Kazanĭ, Trd. Obšč. jest., **37**, 2, 1903, (12).

Centronella? *subrhomboidea* n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (311–312, 261–262, pls. XXIV–XXXVII, figs. 1–10).

Cranaena subelliptica var. *hardingensis* n. var. Colorado. **Girty**, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., No. **16**, 1903, (546 + iii, with pl.). 28.5 cm.

Gypidula angulata n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (280–281, pl. XXXIII, figs. 13–21).

Marginifera nn. spp. Colorado. **Girty**, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., **16**, 1903, (546 + iii, with pl.).

Metaplasia plicata n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (306, pl. XLVIII, figs. 7–12).

Orthis striatula. **Tokarenko**, L. Kazanĭ, Trd. Obšč. jest., **37**, 2, 1903, (8).

Orthotichia schuchertensis n. sp. Colorado. **Girty**, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., No. **16**, 1903, (546 + iii, with pl.). 28.5 cm.

Productus anthrax n. sp. **Vaughan**, A. London, Q. J. Geol. Soc., **61**, 1905, (531).

——— *murchisonianus*, *P. subaculeatus*, *P. productoides*. **Tokarenko**, L. Kazanĭ, Trd. Obšč. jest., **37**, 2, 1903, (8–9).

——— *semireticulatus* var. *hermosanus* n. var. Colorado. **Girty**, G. H.

Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., No. **16**, 1903, (546 + iii, with pl.). 28.5 cm.

Ptychospira sexplicata, distribution and synonymy. **Greger**, D. K. Amer. Geol., Minneapolis, Minn., **33**, 1904, (15–17).

Rensselaeria subglobosus n. sp. **Waller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (329, pl. XLII, figs. 11–18).

Rhynchonella. **Tokarenko**, L. Kazanĭ, Trd. Obšč. jest., **37**, 2, 1903, (12–15).

Rhynchopora beecheri n. sp. **Greger**, D. K. Amer. Geol., Minneapolis, Minn., **33**, 1904, (297–301, with text fig.).

Rhynchotreta transversa n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (286, pl. XXXI, figs. 12–14).

Schizophoria bisinuata n. sp. **Weller**, S. l.c. (278–279, pl. XXXI, figs. 12–14).

Spirifer. **Tokarenko**, L. Kazanĭ, Trd. Obšč. jest., **37**, 2, 1903, (9–12).

——— *mosquensis*, angeblicher Fund bei Krakau. **Gülich**, G. Berlin, Zs. D. geol. Ges., **56**, 1904, briefl. Mitt., (16–17).

——— *nearpassi* n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (330, pl. XLII, figs. 9–22).

2031.65 TRIASSIC.

Crania tetrica n. sp. Bären-Insel. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No 3, 1904, (11, with pl.).

Discina barentsi n. sp. Bären-Insel. **Böhm**, J. l.c. (10, with pl.).

——— *loeschmanni* n. sp. Asia. **Noetling**, F. Lethaea geognostica, Tl 2, Bd 1, Lfg 2. (107–221).

Retzia arctica n. sp. Bären-Insel. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1904, (14, with pl.).

Spiriferina nn. spp. Bären-Insel. **Böhm**, J. l.c. (11–14, with pl.).

Terebratula teres n. sp. Bären-Insel. **Böhm**, J. l.c. (15, with pl.).

2031.70 JURASSIC.

GENERAL.

Rau, K. Die Brachiopoden des mittleren Lias Schwabens mit Ausschluss der Spiriferinen. Geol. u. palaeont. Abh., Jena, N.F., 6, H. 5, 1905, (95, mit 4 Taf.).

SPECIAL.

Berenicea somalica n. sp. Somaliland. Daqué, E. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (125, Taf. XVII, fig. 6).

Cadomella quenstedti n. sp. Rau, K. Geol. u. palaeont. Abh., Jena, N.F., 6, H. 5, 1905, (7-9, Taf. I).

Eudonia sittelii n. sp. Asia Minor. Krumbeck, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (90-91, Taf. II).

Kingona nn. spp. Asia Minor. Krumbeck, L. l.c. (91-95, Taf. II).

Rhynchonella nn. spp. Somaliland. Daqué, E. l.c. 17, 1905, (126-129, Taf. XIV).

nn. spp. Rau, K. Geol. u. palaeont. Abh., Jena, N.F., 6, H. 5, 1905, (36-46, Taf. II).

nn. spp. U. K. Dyton, C. Gloucester, Proc. Cotteswold Nat. F. Cl., 15, 1905, (83-84).

Mähren Rzehak, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

drusorum n. sp. Asia Minor Krumbeck, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (75, Taf. I).

krummi n. form. Deutsch-Lothringen und Luxemburg. Benecke, E. W. Abh. geol. Spezialkarte Elz-Lothr., Strassburg, (N.F.), H. 6, 1905, (87).

Spiriferina. Mähren. Rzehak, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

Terebratula. Somaliland. Daqué, E. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (129-130, Taf. XIV).

nn. spp. Asia Minor. Krumbeck, L. l.c. 18, 1905, (77-87, Taf. I-II).

(*Orthotoma*) nn. spp. Rau, K. Geol. u. palaeont. Abh., Jena, N.F., 6, H. 5, 1905, (56-59, Taf. III).

Terebratula. Mähren. Rzehak, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

nn. spp. U. K. Gloucester, Proc. Cotteswold Nat. F. Cl., 15, 1905, (85-88).

Vetter, A. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (255).

Terebratulina substriata. Asia Minor. Krumbeck, L. l.c. 18, 1905, (Taf. II).

Theodora parva n. sp. B. Geol. u. palaeont. Abh., Jena, N.F., 6, H. 5, 1905, (9-12, Taf. I).

Waldheimia. Mähren. Rzehak, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

conocollis n. sp. Geol. u. palaeont. Abh., Jena, N.F., 6, H. 5, 1905, (64-66, Taf. IV).

schlosseri n. sp. Somaliland. Daqué, E. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (131, Taf. XV).

2031.75. CRETACEOUS.

Lingula subovalis Davidson. 1. Charikov, Trd. Obsh. ispyt. 2, 1903, (104).

Magas pumilus Sow. Favre (108).

Terebratella sp. Favre, l. l. (108).

Terebratula. Favre, l. l. (107).

2031.80 CAENOZOIC.

Terebratella oamarutica n. sp. Seeland. Boehm, G. Berlin, geol. Ges., 56, 1904, briefl. Mit Taf. xv).

Terebratula oamarutica n. sp. Seeland. Boehm, G. l.c. (l. xv).

Terebratulina oamarutica. Neu-Seeland. Boehm, G. l.c. 150, mit 1 Taf. (148-149, Taf. 1).

**2031.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).**

GENERAL.

Hutton, F. W. Revision of the Tertiary Brachiopoda of New Zealand. Wellington, N. Zeal. Inst., **37**, 1905, (474-481, with pls.).

SPECIAL.

Bouchardia rhizoida n. sp. N. Zealand. **Hutton, F. W.** Wellington, Trans. N. Zeal. Inst., **37**, 1905, (480, pl. XLVI, fig. 7).

Magellania parki n. sp. New Zealand. **Hutton, F. W.** l.c. (476, pl. XLV, fig. 4).

Terebratella nn. sp. N. Zealand. **Hutton, F. W.** l.c. (479, pl. XLVI, fig. 3).

BRYOZOA.

**2031.35 GENERAL, INCLUDING
STRATA OF UNKNOWN AGE.**

Amalgamata n. division (of Trepostomata). **Ulrich, E. O. and Bassler, R. S.** Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (15-55, with pl.).

Integrata n. division (of Trepostomata). **Ulrich, E. O. and Bassler, R. S.** l.c. (15-55, with pl.).

2031.45 PALAEOZOIC.

GENERAL.

Ulrich, E. O. and Bassler, R. S. A revision of the Paleozoic Bryozoa. Part 2 . . . Trepostomata. Washington, D.C., Smithsonian Inst., Misc. Coll. Q., **47**, 1904, (15-55, with pl.).

SPECIAL.

Allonema n. gen., *A. botelloides*, *A. minimum*, *A. subfusiforme*, *A. icaldronense* nn. spp.; *A. moniliforme* var. *aggregatum* n. var. America. **Ulrich, E. O. and Bassler, R. S.** Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **45**, 1904, (281-284).

Ascodictyon nn. spp. **Ulrich, E. O. and Bassler, R. S.** l.c. (288-289).

Heteronema n. gen., *H. capillare*, *H. ? contextum*, *H. carbonarium* nn. spp. America. **Ulrich, E. O. and Bassler, R. S.** l.c. (278-279).

Ptychocladia n. gen., *P. agellus* n. sp. America. **Ulrich, E. O. and Bassler, R. S.** l.c. (290).

Rhopalonaria nn. spp. **Ulrich, E. O. and Bassler, R. S.** l.c. (268-272).

Vinella multiradiata n. sp. (*Vinellidae* n. fam.). **Ulrich, E. O. and Bassler, R. S.** l.c. (273-276).

2031.50 LOWER PALAEOZOIC.

Amplexopora nn. spp. **Ulrich, E. O. and Bassler, R. S.** Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (41-43).

Anaphragma n. gen., *A. mirabile* n. sp. **Ulrich, E. O. and Bassler, R. S.** l.c. (49).

Atactopora angularis n. sp. **Ulrich, E. O. and Bassler, R. S.** l.c. (32).

Calloporina n. gen., *C. parva* n. sp. **Ulrich, E. O. and Bassler, R. S.** l.c. (48).

Constellaria teres n. sp., *C. florida* var. *emaciata* n. var. Silurian. **Ulrich, E. O. and Bassler, R. S.** l.c. (37).

Crisinella oeilensis n. sp. **Wiman, C.** Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (181, with pl.).

Cyphotrypa n. gen. (type *Leptotrypa acervulosa*), *C. frankfortensis*, *C. wilmingtongensis* nn. spp. **Ulrich, E. O. and Bassler, R. S.** Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (30-31).

Dekayella foliacea n. sp. **Ulrich, E. O. and Bassler, R. S.** l.c. (28).

Escharopora siluriana n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (225, pls. XVIII, XIX, figs. 6-9).

Glaucanome plumula n. sp. **Wiman, C.** Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (181, with pl.).

Heterotrypa parvulipora n. sp. **Ulrich, E. O. and Bassler, R. S.** Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (26).

Homotrypella nodosa n. sp. **Ulrich, E. O. and Bassler, R. S.** l.c. (21).

Mesotrypa nn. spp. Ulrich, E. O. and Bassler, R. S. *l.c.* (22-23).

Monotrypa nn. spp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (142, 223, pl. VIII, XVIII, and figs.).

Monticulipora epidermata n. sp. Ulrich, E. O. and Bassler, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (17).

Orbignyella n. gen., *O. sublamellosa* n. sp. Ulrich, E. O. and Bassler, R. S. *l.c.* (19).

Petigopora offula n. sp. Ulrich, E. O. and Bassler, R. S. *l.c.* (32).

Prasopora patera n. sp. Ulrich, E. O. and Bassler, R. S. *l.c.* (20).

Ptilodictya frondosa n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (224, 272, pls. XIX, XXVI, figs. 1-6).

Rhinidictya? borkholmiensis n. sp. Wiman, C. Upsala, Bull. Geol. Inst., 5, 2, 1901, [1902], (180, with pl.).

Rhombotrypa n. gen., (type *Monotrypa quadrata* (Rominger)). Ulrich, E. O. and Bassler, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (44).

Stigmatella n. gen., *S. crenulata*, *S. spinosa*, *S. personata*, *S. interporosa*, *S. nana*, *S. nicklesi* nn. spp. Ulrich, E. O. and Bassler, R. S. *l.c.* (34-36).

Thamniscus orosus n. sp. Wiman, C. Upsala, Bull. Geol. Inst., 5, 2, 1901, [1902], (181, with pl.).

2031.55 UPPER PALAEOZOIC.

Fenestella spp. Stuckenberg, A. St. Petersburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (63-65).

— ? sp. Tokarenko, I. Kazan', Trd. Obšč. jest., 37, 2, 1903, (7-8).

Lioclema monroci n. sp. Silurian. Ulrich, E. O. and Bassler, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (39).

Pachydictya nn. spp. Gothland. Hennig, A. Ark. Zool., Stockholm, 2, No. 10, 1905, (25-35, with pl.).

Penniretopora pulcherrima. Stuckenberg, A. St. Petersburg. Mém. Com. géolog., (N. Sér.), 14, 1904, (66).

Polypora papillata. Stuckenberg, A. *l.c.* (65).

Ptilodictya triangularis n. sp. Gothland. Hennig, A. Ark. Zool., Stockholm, 2, No. 10, 1905, (20 + 22, with pl.).

Vincularia spp. Stuckenberg, A. St. Petersburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (66-68).

2031.70 JURASSIC.

Stomatopora nn. spp. Lang, W. D. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (265-266).

2031.75 CRETACEOUS.

Ceripora serpens Eichw. Favre, I. Charikov, Trd. Obšč. ispyt. prir., 32, 2, 1903, (103-104).

Reticulipora ligeriensis D'Orb. Favre, I. *l.c.* (103).

2031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Burrows, Henry W. Note on a Bryozoan attached to *Neptunea* found in one of the Mekran nodules. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (303-305, with fig.).

2231 MOLLUSCA.

Bather, F. A. The Mount Torlesse Annelid. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (532-541, with figs.).

Clessin, S. Die Conchylien des Löss des mittleren Donautales. Frankfurt a. M., NachrBl. D. malakozool. Ges., 37, 1905, (89-91).

Jensen, A. S. On the Mollusca of East-Greenland. I. Lamellibranchiata. With an introduction on Greenland's fossil Mollusk-Fauna from the quaternary age. Kjöbenhavn, Medd. Grönl., 29, [1905], (289-362).

Karczewski, S. Sur la faune des couches au dessous du "Reden" (= Namurien sup.) du bassin houillier de Dąbrowa Górnicza. (Polish) Pam. fizyogr., Warszawa, **18**, 1904, (Partie II, 95-102, av. 1 tabl.).

Renz, C. Ueber die mesozoische Formationsgruppe der südwestlichen Balkanhalbinsel. N. Jahrb. Min., Stuttgart, Beilagebd, **21**, 1905, (213-301, mit 4 Taf.).

CEPHALOPODA.

Clionites nn. spp. Bären-Insel. **Böhm, J.** Stockholm, Vet.-Ak., Handl., **37**, No. 3, 1903, (54-56, with pl.).

Dawsonites n. gen. for *Trachyceras canadense* Whiteaves. Bären-Inseln. **Böhm, J.** l.c. (56-59, with pl.).

Nathorstites n. gen., *N. globosus*, *N. lindströmi*, *N. mojsvari* nn. spp. Bären-Inseln. **Böhm, J.** l.c. (64-67, with pl.).

Phylloceras. **Vetters, H.** Wien, Beitr. Geol. Pal. ÖstUng., **17**, 1905, (239-240).

2231.35 GENERAL.

Acanthoceras pfeili n. sp. Marokko. **Walther, J.** Jena, Mitt. geog. Ges., **21**, 1903, (59-60).

Ceratites rombergi n. sp. Predazzo. **Philipp, H.** Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (70-71, Taf. XIX).

Indoceras baluchistanense, Entwicklung der Lobenlinie. **Noetling, F.** N. Jahrb. Min., Stuttgart, **1905**, 1, (1-14, mit 1 Taf.).

2231.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

Crick, G. C. Cephalopoda from North-West frontier of India. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (47).

2231.50 LOWER PALAEOZOIC.

Cyrtoceras cambria n. sp. China. Cambrian. **Walcott, C. D.** Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., **29**, 1905, (22).

Volborthella. **Karpinskij, A.** St. Petersburg, Bull. Ac. Sc., (Ser. 5), **18**, 1903, (147-153).

———— **Karpinskij, A.** St. Petersburg, Verh. Russ. mineral. Ges., (Ser. 2), **41**, 1903, (31-72).

2231.55 UPPER PALAEOZOIC.

GENERAL.

Crick, G. C. On some fossil Cephalopoda from North Cornwall, collected by Mr. Howard Fox. Geol. Mag., (Ser. 2), [5], **2**, 1905, (154-160, pl. with figs.).

SPECIAL.

Aganides sp. **Tokarenko, L.** Kazan', Trd. Obšč. jest., **37**, 2, 1903, (34).

Aphyllites Frech n. sp. Russland. **Tokarenko, L.** l.c. (33).

Belemnites. **Smyčka, F.** Prostějov, Věstn. Kl. Pfir., **5**, 1903, (77-79); deutsches Rés., (79-80).

Clymenia stuckenbergi s. sp. Russland. **Tokarenko, L.** Kazan', Trd. Obšč. jest., **37**, 2, 1903, (31-32).

Cyrtoceras (Meloceras) apicale. Derbyshire. **Crick, G. C.** Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (62-65, with figs.).

Entogonites n. nom. **Kittl, E.** Wien, Verh. Geol. RchsAnst., **1904**, (322).

Gephyroceras domanicense. **Tokarenko, L.** l.c. (35).

Glyphioceras (Beyrichoceras) divaricatum n. sp. **Hind, W.** Dublin, Proc. R. Irish Acad., **25** B, 1905, (114).

Gomphoceras. **Tokarenko, L.** Kazan', Trd. Obšč. jest., **37**, 2, 1903, (28).

Goniatites (Manticoceras intumescens). **Tokarenko, L.** l.c. (32-33).

Orthoceras. **Tokarenko, L.** l.c. (27-28).

———— *acutum* n. sp. **Hind, W.** Dublin, Proc. R. Irish Acad., **25**, B, 1905, (112).

Pleuromutilus costatus n. sp. U.K. **Hind, W.** London, Q. J. Geol. Soc., **61**, 1905, (540).

———— *pulcher*, type specimen. **Crick, G. C.** London, Proc. Malac. Soc., **6**, 1905, (272).

Protobites delphinus. Tokarenko, L. Kazanl, Trd Obšč. jest, 37, 2, 1903, (34).

Sporadoceras muensteri var. *brachyloba* Frech, var. *uralensis* n. var. Tokarenko, L. l.c. (35-36).

Tornoceras planidorsatum. Tokarenko, L. l.c. (33).

2231.60 MESOZOIC

Borhianites nn. spp. Niederländisch-Indien Boehm, G. Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg 1, (26-28, Taf. II).

Hildoceras nn. spp. Balkanhalbinsel. Benz, C. N. Jahrb. Min., Stuttgart, Beilagebd, 21, 1905, (213-301).

Himalayites nn. spp. Niederländisch-Indien. Boehm, G. Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg 1, 39-42, Taf. VII).

Hoplites nn. spp. Niederländisch-Indien. Boehm, G. l.c. (34-38, Taf. III, V-VI).

Streblites noubuyai n. sp. Niederländisch-Indien. Boehm, G. l.c. (29-30, Taf. II and III).

Tmesoceras sutneri var. *epirotica* n. var. Balkanhalbinsel. Benz, C. N. Jahrb. Min., Stuttgart, Beilagebd, 21, 1905, (213-301).

2231.65 TRIASSIC.

Dawsonites n. gen. Arktische Trias. Boehm, J. Berlin, Zs. D. geol. Ges., 56, 1904, briefl. Mitt., (96-97).

Nathorstites n. gen. Arktische Trias. Boehm, J. l.c. (96-97).

Pleuronautilus kokeni n. sp. Asia. Noetling, F. Lethaea geognostica, Tl 2, Bd 1, Lfg 2, (107-221).

Pseudosageceras multilobatum, Bau der Lobenlinie. Noetling, F. Palaeontographica, Stuttgart, 51, 1905, (155-260).

2231.70 JURASSIC.

GENERAL.

Valette, A. Les ammonites du département de l'Yonne. Auxerre, Bul.

soc. sci. hist. nat., 2^e partie, Sci. phys. nat., 57, 1903, [1904], (39-100, av. fig.).

SPECIAL.

Alocolytoceras dilucidum (Oppel, Ammonites), *A. germani* (d'Orb.—Ammonites), *A. taeniatum* (Pompeck)—*Lytoceras*, *A. pompeckji* n. nom. Buckmann, S. S. London, Q. J. Geol. Soc., 61, 1905, (145-146).

Amaltheus Mähren. Rzehak, A. Brünn, Zs. Mähr. Ldmus., 4, 1904, (89-154, mit 1 Taf.).

Aptychus. Vetter, H. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (242-244).

Aspidoceras nn. spp. Somaliland. Daqué, E. l.c. (149-153, Taf. XVI-XVIII).

Asia Minor. Krumbeck, L. l.c. 18, 1905, (138).

Belemnites. Mähren. Rzehak, A. Brünn, Zs. Mähr. Ldmus., 4, 1904, (89-154, mit 1 Taf.).

nn. spp. Vetter, H. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, 244-247).

redicivus n. sp. U.K. Blake, J. F. London, Monogr. Palaeont. Soc., 59, 1905, (59).

Cadoceras breve n. sp. U.K. Blake, J. F. l.c. (48).

Catulloceras psammium n. sp. U.K. Buckman, S. S. l.c. (clxxi).

Clydoniceras n. gen., *C. discus* (Sow., —Ammonites, 1813); *C. hochstetteri* (Opp.—Ammonites, 1858); *C. psycrophorum* (Neum.—Harpoceras, 1871); *C. legayi* (Rig. and Sauv.—Ammonites, 1867) Blake, J. F. l.c. (53-57).

Dumortieria bleicheri, *D. nicklesi* n. nomm. = *Harpoceras subundulatum* Branco; *D. kochi* n. nom. = *D. subundulata* Haug.; *D. brancoi* n. nom. = *Harpoceras* aff. *radians* Reinecke. Deutsch-Lothringen und Luxemburg. Benecke, E. W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. 6, 1905, (354-358, 368).

nn. spp. U.K.; *D. falcofila* (Quenst.—Ammonites, 1835); *D. mueri* (Haug, Harpoceras, 1884); *D. externicostata* (Branco,—Harpoceras subundulatum var. 1879); *D. moeri*

(Lyc., *Ammonites*, 1857). **Buckman**, S. S. London, Monogr., Palaeont. Soc., **59**, 1905, (clxxii-clxxv).

Fontannesia nn. spp. U.K. **Buckman**, S. S. l.c. (clxxxix-cxci).

Hammatoceras lotharingicum n. nom. = *Ammonites* aff. *sieboldi* Oppel. **Benecke**, E. W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (335).

Harpoceras nn. formm. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. l.c. (374-375).

———— nn. spp. Deutschland, **Wunstorff**, W. Berlin, Jahrb. geol. Landesanst., **25**, (1904), 1905, (488-525, mit 4 Taf.).

Kochites ürmösensis Herb. typ. K. U. Herb. mut. *aulonata* Herb., K. *staffi* n. sp. **Prinz**, G. Földt. Közl., Budapest, **35**, 1905, (16-20, 50-54).

Lytoceras. **Vetters**, H. Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (240-241).

Macrocephalites macrocephalus (Schloth.,—*Ammonites*, 1813); *M. compressus* (Quenst.,—*Ammonites*, 1849); *M. herveyi* (Sow.,—*Ammonites*, 1818); 2 nn. spp. U.K. **Blake**, J. F. London, Monogr. Palaeont. Soc., **59**, 1905, (42-47).

Megalytoceras n. gen., *M. confusum* (S. Buckm.—*Lytoceras*). **Buckman**, S. S. London, Q. J. Geol. Soc., **61**, 1905, (150).

Nannolytoceras n. gen., *N. pygmaeus* (d'Orb.—*Ammonites*). **Buckman**, S. S. l.c. (151).

Nautilus. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

———— nn. spp. Somaliland. **Dacqué**, E. Wien, Beitr. Pal. Geol. OstUng., **17**, 1905, (144-145, Taf. XVI, XVII).

———— *turcicus* n. sp. Asia Minor. **Krumbeck**, L. l.c. **18**, 1905, (137, Taf. VII).

Oecotraustes nn. spp. U.K. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **59**, 1905, (cxci-cxcv).

Onychoceras n. gen., *O. differens* n. sp. Deutschland. **Wunstorff**, W. Berlin, Jahrb. geol. Landesanst., **25**, (1904), 1905, (488-525).

Oppelia. **Vetters**, H. Wien, Beitr. Pal. Geol., OstUng., **17**, 1905, (241-242).

Oxynoticeras compressum n. sp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (324).

Pachylytoceras n. gen., *P. torulosus* (Zieten—*Ammonites*). **Buckman**, S. S. London, Q. J. Geol. Soc., **61**, 1905, (144).

———— nn. spp. **Buckman**, S. S. l.c. (146-147).

Perisphinctes nn. spp. Somaliland. **Dacqué**, E. Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (145-149, Taf. XV-XVII).

———— *flagellans* n. sp. U. K. **Blake** J. F. London, Monogr. Palaeont. Soc., **59**, 1905, (51).

———— *reniformis* n. sp. **Vetters**, H. Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (233-234, Taf. XXII).

———— *subbakeriae* (d'Orb.—*Ammonites*, 1850). **Blake**, J. F. London, Monogr. Palaeont. Soc., **59**, 1905, (49).

Phylloceras salima n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., **18**, 1905, (137-138, Taf. VII).

Pseudorirgatites n. subgen. (*Perisphinctes*). **Vetters**, H. l.c. **17**, 1905, (227).

Sonninia dundriensis n. sp. U. K. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **59**, 1905, (cxci).

Thysanoceras nn. nomm. **Buckman**, S. S. London, Q. J. Geol. Soc., **61**, 1905, (149).

Thysanolytoceras n. gen., *T. eudesia-us* (d'Orb.—*Ammonites*). **Buckman**, S. S. l.c. (149).

Tmetoceras circulare n. sp. U. K. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **59**, 1905, (clxx).

2231.75 CRETACEOUS.

GENERAL.

Valette, A. Les Ammonites du département de l'Yonne. Auxerre, Bul. soc. sci. hist. nat., 2^e partie, Sci. phys. nat., **57**, 1903, [1904], (39-100, av. fig.).

SPECIAL.

Acanthoceras palaestinense n. sp.,
A. n. sp. aff. *neuboldi* Kossm. var.
spinosa. Jerusalem. Blanckenhorn, M.
Leipzig, Zs. D. Palästina Ver., 23, 1905,
(75-120).

Actinocamax plenus in the Chalk of
Yorkshire. Thompson, C. Naturalist,
London, 1905, (202-203).

Ammonites sp. Rikuzen. Yokoyama,
M. Tokyo, J. Coll. Sci., 18, Art. 6,
1904, (7, pl. II, fig. 10).

Belemnitella. Favre, I. Charikov,
Trd. Obšč. ispyt. prir., 33, 2, 1903,
(148-151, Taf. II).

Belemnites sp. Favre, I. l.c. (151).

——— sp. Rikuzen. Yokoyama,
M. Tokyo, J. Coll. Sci., 18, Art. 6,
1904. (8-10, pl. II, fig. 12).

Belemnopsis spp. Rikuzen. Yoko-
yama, M. l.c. (9, pl. II, figs. 1-6).

Crioceras sp. Favre, I. Charikov,
Trd. Obšč. ispyt. prir., 33, 2, 1903, (146,
Taf. II).

——— Richarz, S. Wien, Jahrb.
Geol. RchsAnst., 54, (1904), 1905, (347-
348).

Desmoceras from the Hokkaido. Yabe,
H. Tokyo, J. Coll. Sci., 20, Art. 20,
1904, (35-41, pls. V-VI).

Harpoceras ikianum n. sp. Rikuzen.
Yokoyama, M. l.c. 18, Art. 6, 1904,
(5-6, pl. I, fig. 5).

Hauericeras from the Hokkaido.
Yabe, H. l.c. 20, Art. 2, 1904, (29-35,
pl. VI).

Helicoceras from the Hokkaido. Yabe,
H. l.c. Art. 2, 1904, (9-12, pls. III
and V).

Heteroceras from the Hokkaido.
Yabe, H. l.c. Art. 2, 1904, (12-20, pls.
III, IV and VI).

Holcostephanus. Richarz, S. Wien,
Jahrb. Geol. RchsAnst., 54, (1904), 1905,
(345-346, Taf. IX).

Hoplites. Richarz, S. l.c. (346-347,
Taf. IX).

Lytoceras cf. *lineatum* Schloth.
Rikuzen. Yokoyama, M. Tokyo, J.
Coll. Sci., 18, Art. 6, 1904, (6-7, pl. II,
fig. 5).

Nautilus. Favre, I. Charikov, Trd.
Obšč. ispyt. prir., 33, 2, 1903, (144-145,
Taf. IV).

Nipponites n. gen., *N. mirabilis* n. sp.
from the Hokkaido. Yabe, H. Tokyo,
J. Coll. Sci., 20, Art. 2, 1904, (39-44,
pls. IV and VI).

Olcostephanoceras from the Hokkaido.
Yabe, H. l.c. (28-29, pl. VI).

Placentoceras ? nn. spp. New Mexico.
Johnson, D. W. Sch. Mines Q., New
York, N.Y., 24, 1903, (173-246, with
pl.).

Ptychoceras. Favre, I. Charikov.
Trd. Obšč. ispyt. prir., 33, 2, 1903,
(145-146).

Scaphites cf. *trinodosus*. Favre, J.
l.c. (147, Taf. II).

Schloenbachia nn. spp. Palästina.
Blanckenhorn, M. Leipzig, Zs. D.
Palästina-ver., 23, 1905, (75-120).

——— *kittli* n. sp. Richarz, S.
Wien, Jahrb. Geol. RchsAnst., 54,
(1904), 1905, (344-345, Taf. IX).

Schlotheimia jimboi n. sp. Rikuzen.
Yokoyama, M. Tokyo, J. Coll. Sci., 18,
Art. 6, 1904, (4-5, pl. I, fig. 5).

Stantonoceras n. gen., *S. pseudoc-*
statum n. sp. New Mexico. Johnson,
D. W. Sch. Mines Q., New York, N.Y.,
24, 1903, (173-246, with pl.).

Turritiles Lam., from the Hokkaido.
Yabe, H. Tokyo, J. Coll. Sci., 20, Art.
2, 1904, (1-9, pls. I-III).

2231.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Styracoteuthis n. gen., *S. orientalis*
n. sp. Arabia. Crick, G. C. London,
Proc. Malac. Soc., 6, 1905, (274).

GASTROPODA.

Promathildia parva n. sp. Bären-
Insel. Böhm, J. Stockholm, Vet.-Ak.
Handl., 37, No. 3, 1903, (52, with pl.).

Sisenna conicentzi n. sp. Bären-
Insel. Böhm, J. l.c. (51, with pl.).

Undularia pertica n. sp. Bären-Insel.
Böhm, J. l.c. 1903, (53, with pl.).

Worthenia bifurca n. sp. Bären-Insel.
Böhm, J. l.c. (50-51, with pl.).

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

GENERAL.

Dall, W. H. and Bartsch, P. Synopsis of the genera, subgenera and sections of the family *Pyramidellidae*. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (1-16).

——— An historical and systematic review of the frog-shells and tritons. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (114-144). Separate. 25 cm.

Gulick, Addison. The fossil land shells of Bermuda. Contributions from the Bermuda Biological Station for Research, No. **2** in Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406-425, with pl.).

SPECIAL.

Ashmunella thompsoniana: *pecosensis* n. subsp. **Cockerell, T. D. A.** Nautilus, Philadelphia, Pa., **16**, 1903, (105).

Asmunda n. subgen. (of *Turbonilla* type *Chemnitzia turrita* C. B. Ads.). **Dall, W. H. and Bartsch, P.** Washington, D.C., Proc. Biol. Soc., **17**, 1904, (9).

Baldra n. subgen. (of *Turbonilla* type *T. (Baldra) archeri*). **Dall, W. H. and Bartsch, P.** l.c. (9).

Besla n. subgen. (of *Odostomia* type *Chrysallida convexa* Cpr.). **Dall, W. H. and Bartsch, P.** l.c. (10).

Callolongchaenus n. subgen. (of *Pyramidella* type *P. jamaicensis* Dall). **Dall, W. H. and Bartsch, P.** l.c. (5).

Carychium bermudense n. sp. Bermuda. **Gulick, A.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406-425, with pl.).

Cossmannica n. sect. (of *Pyramidella* (*Eulimella*) type *P. clandestina* Desh.). **Dall, W. H. and Bartsch, P.** Washington, D.C., Proc. Biol. Soc., **17**, 1904, (6).

Egila n. subgen. (of *Odostomia* type *Chrysallida lacunata* Cpr.). **Dall, W. H. and Bartsch, P.** l.c. (11).

Euconulus turbinatus n. sp. Bermuda. **Gulick, A.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406-425, with pl.).

Eralina n. subgen. (of *Odostomia* type *O. (Eralina) americana*). **Dall, W. H. and Bartsch, P.** Washington, D.C., Proc. Biol. Soc., **17**, 1904, (12).

Folinella n. subgen. (of *Odostomia* type *Amoura anguliferens* De Fol.). **Dall, W. H. and Bartsch, P.** l.c. (10).

Haldra n. subgen. (of *Odostomia* type *Chrysallida photis* Cpr.). **Dall, W. H. and Bartsch, P.** l.c. (11).

Heida n. subgen. (of *Odostomia* type *Syrnola caloosaensis* Dall). **Dall, W. H. and Bartsch, P.** l.c. (13).

Iphiana n. subgen. (of *Pyramidella* type *Syrnola densistriata* Garrett). **Dall, W. H. and Bartsch, P.** l.c. (6).

Ividia n. subgen. (of *Odostomia* type *Parthenia armata* Cpr.). **Dall, W. H. and Bartsch, P.** l.c. (11).

Lancella n. subgen. (of *Turbonilla* type *T. (Lancea) elongata* Pse.). **Dall, W. H. and Bartsch, P.** l.c. (9).

Liotina somaliensis n. sp. **Newton, R. B.** London, Q. J. Geol. Soc., **61**, 1905, (168).

Lysacme n. subgen. (of *Odostomia* type *Chrysallida clausiliformis* Cpr.). **Dall, W. H. and Bartsch, P.** Washington, D.C., Proc. Biol. Soc., **17**, 1904, (14).

Milda n. subgen. (*Pyramidella*, type *Obeliscus ventricosus* Quoy). **Dall, W. H. and Bartsch, P.** l.c. (4).

Odostomia (*Odetta*) *callipyrga* n. nom. (= *Odetta elegans* De Fol). **Dall, W. H. and Bartsch, P.** l.c. (12).

Orinella n. subgen. (of *Pyramidella*, type *Orina pingicula* A. Ads.). **Dall, W. H. and Bartsch, P.** l.c. (6).

Palaeorbis. **Reis, O. M.** Geogn. Jahreshefte, München, **16**, (1903), 1905, (125-143).

Platyceras clarkei n. sp. Argentinien. **Thomas, I.** Berlin, Zs. D. geol. Ges., **57**, 1905, Aufsätze, (253, pl. XII).

Poecilozonites nn. spp. Bermuda. **Gulick, A.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406-425, with pl.).

Pyramidella nn. spp. **Dall, W. H. and Bartsch, P.** Washington, D.C., Proc. Biol. Soc., **17**, 1904, (5, 14).

Stomega n. nom. (sect. *Odostomia* type *O. conspicua* Ald.). **Dall, W. H. and Bartsch, P.** l.c. (13).

Sulcorinella n. subgen. (of *Pyramidella*, type *P. (Sulcorinella) dodona*). **Dall, W. H. and Bartsch, P.** l.c. (6).

Syrnolina n. subgen. (of *Pyramidella*, type *Syrnola rubra* Poe.). Dall, W. H. and Bartsch, P. l.c. (6).

Tropaeas n. subgen. (of *Pyramidella*, type *P. subulata* A. Ada.). Dall, W. H. and Bartsch, P. l.c. (5).

Turbonilla (*Baldr*) *archeri* n. sp. Dall, W. H. and Bartsch, P. l.c. (15).

Ulfa n. subgen. (of *Pyramidella*, type *P. (Ulfa) coxsmanni*). Dall, W. H. and Bartsch, P. l.c. (5).

Vagna n. subgen. (of *Pyramidella*, type *P. paumotensis* Tryon). Dall, W. H. and Bartsch, P. l.c. (5).

Vertigo nn. spp. Bermuda. Gulick, A. Philadelphia, Pa., Proc. Acad. Nat. Sci., 56, 1904, (406-425, with pl.).

Vilia n. subgen. (of *Odostomia*, type *O. (Vilia) pilsbryi*). Dall, W. H. and Bartsch, P. Washington, D.C., Proc. Biol. Soc., 17, 1904, (10).

Visma n. subgen. (of *Turbonilla*, type *Eulimella tenuis* Sby.). Dall, W. H. and Bartsch, P. l.c. (8).

Voluspa n. subgen. (*Pyramidella*, type *P. auricoma* Dall). Dall, W. H. and Bartsch, P. l.c. (4). •

Zonitoides bristoli n. sp. Bermuda. Gulick, A. Philadelphia, Pa., Proc. Acad. Nat. Sci., 56, 1904, (406-425, with pl.).

2231.50 LOWER PALAEOZOIC.

Bembexia groomi n. sp. Wales. Donald, J. London, Q. J. Geol. Soc., 61, 1905, (569).

Conularia munthei n. sp. Wiman, C. Upsala, Bull. Geol. Inst., 6, 1902-03, [1905], (82-83, with pl.).

Eccyliomphalus subelliptica n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (129, pl. IV, fig. 6).

Goniostropha cambria n. sp. Wales. Donald, J. London, Q. J. Geol. Soc., 61, 1905, (571).

Hyolithes nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (17-18).

Loxonema nn. spp. Wales. Donald, J. London, Q. J. Geol. Soc., 61, 1905, (565-568).

Orthotheca nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (18-21).

Platyceras nn. spp. China, Cambrian. Walcott, C. D. l.c. (14-15).

————? *columbiana* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (131, pl. IV, figs. 7-8).

Polygyrata n. gen., *P. sinistra* n. sp. Weller, S. l.c. (130, pl. IV, fig. 102).

Polytropina n. gen. [Type *Trochilites globosa* Schloth., 1820.] Wals. Donald, J. London, Q. J. Geol. Soc., 61, 1905, (575).

Raphistoma columbiana n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., 3, 1903, (128, pl. IV, figs. 3-5).

Rhabdostropha n. subgen. Donald, J. London, Q. J. Geol. Soc., 61, 1905, (565).

Scenella clotho n. sp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (12).

Stenotheca nn. spp., nn. varr. China, Cambrian. Walcott, C. D. l.c. (15-16).

———— *cornu* n. sp. Wiman, C. Upsala, Bull. Geol. Inst., 6, 1902-03, [1905], (49, with pl.).

Straparollina circe n. sp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (13).

Ulrichospira n. gen., *U. similis* n. sp. Wales. Donald, J. London, Q. J. Geol. Soc., 61, 1905, (568-569).

2231.55 UPPER PALAEOZOIC.

Bellerophon nn. spp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (17. + [199]-454, with map, text fig. and pl.).

———— *lineatus*, *B. costatus*. Tokarenko, L. Kazan', Trd. Obšč. jest., 37, 2, 1903, (17-18).

Bulimorpha? *helderbergiae* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (293-294, pl. XXXII, fig. 8).

Callonema filsum n. sp. New York. **Clarke, J. M.** Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454, with map, text fig. and pl.).

Carinaropsis ithagenia n. sp. New York. **Clarke, J. M.** l.c. (11. + [199]-454, with map, text fig. and pl.).

Diaphorostoma nn. spp. New York. **Clarke, J. M.** l.c. (11. + [199]-454, with map, text fig. and pl.).

Euomphalus articulatus. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (23).

Floyda n. gen., *F. concentrica* n. sp. Iowa. **Webster, C. L.** Iowa Nat., Iowa City, Iowa, **1**, 1905, (39-40).

Loxonema nn. spp. New York. **Clarke, J. M.** Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454, with map, text fig. and pl.).

———— *jerseyensis* n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Palaeont., **3**, 1903, (xii + 462, with pl. and table); (335, pl. XLIII, figs. 8-10).

———— *netschaeici* n. sp. Russland. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (26-27).

Macrocheilus sp. **Tokarenko, L.** l.c. (26).

Macrochilina nn. spp. New York. **Clarke, J. M.** Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454, with map, text fig. and pl.).

Murchisonia nn. spp. Russland. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (20-23).

Natica sp. **Tokarenko, L.** l.c. (25-26).

Naticopsis magnifica n. sp. Iowa. **Webster, C. L.** Iowa Nat., Iowa City, Iowa, **1**, 1905, (58-59).

———— *uralica* n. sp. Russland. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (24-25).

Onustus devonicus n. sp. Russland. **Tokarenko, L.** l.c. (24).

Phragmostoma chautauquae n. sp. New York. **Clarke, J. M.** Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454, with map, text fig. and pl.).

Platystoma nearpassi n. sp. **Weller, S.** New Jersey Geol. Surv. Trenton, N.J., Rep. Paleont., **3**, 1903, (334, pl. XLIII, fig. 4).

Platyschisma uralensis n. sp. Russland. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (23).

Platystoma antiquis n. sp. Iowa. **Webster, C. L.** Iowa Nat., Iowa City, Iowa, **1**, 1905, (58-59).

Pleurotomaria nn. spp. New York. **Clarke, J. M.** Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454, with map, text fig. and pl.).

———— nn. spp. Russland. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (19-20).

Protospirialis n. gen., type *Platystoma minutissima* Clarke. New York. **Clarke, J. M.** Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454, with map, text fig. and pl.).

Strophostylus varians. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (25).

Tropidocyclus hyalinus n. sp. New York. **Clarke, J. M.** Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454, with map, text fig. and pl.).

Westerna n. gen. Iowa. **Webster, C. L.** Iowa Nat., Iowa City, Iowa, **1**, 1905, (54-55).

2231.60 MESOZOIC.

Natica. Somaliland. **Daoué, E.** Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (142-143).

2231.65 TRIASSIC.

GENERAL.

Read, A. Die Gastropoden der Pachycardien-Tuffe. Mitgeteilt durch F[erdinand] Broili. Centralbl. Min., Stuttgart, **1905**, (176-177).

SPECIAL.

Amauropsis abeli n. sp. Ungarn. **Blaschke, F.** Wien, Beitr. Pal. Geol. OstUng., **17**, 1905, (201, Taf. XX).

Capulus (Phryx) bilateralis n. sp. Ungarn. **Blaschke, F.** l.c. (174-175, Taf. XIX).

Clanculus caesiatus var. *scissus* n. var. Blaschke, F. l.c. (181, Taf. XIX).

———— *tachypitatus* n. sp. Reud, A. Centralbl. Min., Stuttgart, 1906, (177).

Corlostylina. Blaschke, F. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (208-210, Taf. XX).

Cryptonerita sturanyi n. sp. Blaschke, F. l.c. (198-199, Taf. XX).

Dicoemos crisiensis n. sp. Blaschke, F. l.c. (191-192, Taf. XX).

Euchrysalis sphinx. Blaschke, F. l.c. (203-204, Taf. XX).

Euomphalus planus n. sp. Reud, A. Centralbl. Min., Stuttgart, 1906, (177).

Fedaiella inaequiplicata. Blaschke, F. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (192-193, Taf. XX).

Frombachia n. gen., *F. uhligi* n. sp. Ungarn. Blaschke, F. l.c. (185-187, Taf. XIX).

Haliotimorpha n. gen., *H. dieneri* n. sp. Ungarn. Blaschke, F. l.c. (175-178, Taf. XIX).

Heterogyra kokeni n. sp. Ungarn. Blaschke, F. l.c. (211, Taf. XX).

Holopyra nn. spp. Ungarn. Blaschke, F. l.c. (195-196, Taf. XX).

Hypsipectura. Blaschke, F. l.c. (207-208).

Lepstopsis nn. spp. Ungarn. Blaschke, F. l.c. (172-174, Taf. XIX).

Loxonema. Blaschke, F. l.c. (201-202, Taf. XX).

Marmolatella. Blaschke, F. l.c. (193, Taf. XX).

Neritaria spp. Blaschke, F. l.c. (196-198, Taf. XX).

Neritopsis spp. Blaschke, F. l.c. (182-183, Taf. XIX).

Omphaloptycha pachygaster. Blaschke, F. l.c. (208).

Oonia similis. Blaschke, F. l.c. (203, Taf. XX).

Palaeonarica nn. spp. Ungarn. Blaschke, F. l.c. (184-185, Taf. XIX).

Parapalaeonarica n. subgen. (*Palaeonarica*). Blaschke, F. l.c. (184).

Patella nn. spp. Ungarn. Blaschke, F. l.c. (171-172, Taf. XIX).

———— nn. spp. Reud, A. Centralbl. Min., Stuttgart, 1906, (177).

Phryx n. subgen. (*Cepulus*). Blaschke, F. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (174).

Platyhelius subpustulosus. Blaschke, F. l.c. (189-190, Taf. XX).

Promethidia minima n. sp. Ungarn. Blaschke, F. l.c. (211-212, Taf. XX).

Protocula subpunctata. Blaschke, F. l.c. (210-211, pl. XX).

Pseudomelania subimilis. Blaschke, F. l.c. (202-203, Taf. XX).

Pseudoscalites nn. spp. Reud, A. Centralbl. Min., Stuttgart, 1906, (177).

———— *währmanni* n. sp. Ungarn. Blaschke, F. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (199-200, Taf. XX).

Ptychomphalus gracilis n. sp. A. Centralbl. Min., Stuttgart, (177).

Purpurina broilii n. sp. Reud, A. Centralbl. Min., Stuttgart, (177).

Purpuroidea raiblensis n. sp. Blaschke, F. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (201, Taf. XX).

———— *trinodosa* n. sp. Reud, A. Centralbl. Min., Stuttgart, (177).

Scurria striata n. sp. Reud, A. Centralbl. Min., Stuttgart, (176).

Spirostylus. Blaschke, F. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (201, Taf. XX).

Trypanostylus nn. spp. Ungarn. Blaschke, F. l.c. (204-206, Taf. XX).

Turristylus n. subgen. (*Trypanostylus*). Blaschke, F. l.c. (205).

Umbonium grobbeni n. sp. Ungarn. Blaschke, F. l.c. (181-182, Taf. XIX).

———— *umbilicus* n. sp. Reud, A. Centralbl. Min., Stuttgart, (177).

Worthenia arthaberi n. sp. Ungarn. Blaschke, F. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (179-180, Taf. XX).

2231.70 JURASSIC.

Acteonina elongata n. sp. U. K. **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (96).

Alaria composita (Sow.,—*Rostellaria*, 1827); 2 nn. spp. U. K. **Blake, J. F.** l.c. (63-65).

Aptyxiella blainvillei (Desl.,—*Cerithium*, 1843); *A. lineata* n. sp. U. K. **Blake, J. F.** l.c. (74).

Ataphrus halerus (d'Orb.,—*Trochus*, 1853). **Blake, J. F.** l.c. (92).

Bittium lorieri (Héb. and Desl.,—*Cerithium*, 1860); *B. pingue* n. sp. **Blake, J. F.** l.c. (67-68).

Bourguetia striata. Somaliland. **Dacqué, E.** Wien, Beitr. Geol. Pal. ÖstUng., **17**, 1905, (143).

Cerithinella biserialis n. sp. U. K. **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (70).

Cloughtonia depressa n. sp. U. K. **Blake, J. F.** l.c. (82).

Cryptaulax tortilis (Héb. and Desl.,—*Cerithium*, 1860). **Blake, J. F.** l.c. (69).

Delphinula tethys n. sp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (125-126, Taf. VI).

Eucyclus armiger (Lyc.,—*Amberleya*, 1863). **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (84).

Eulima nn. spp. U.K. **Blake, J. F.** l.c. (75-76).

Harpagodes. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (135-137, Taf. VII).

————— Somaliland. **Dacqué, E.** l.c. **17**, 1905, (143).

Helicocryptus orsus n. sp. U.K. **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (87).

Ilydatina undulata (Bean, — *Bulla*, 1839); 2 nn. spp. U.K. **Blake, J. F.** l.c. (99-100).

Littorina cassius (d'Orb., — *Turbo*, 1855). **Blake, J. F.** l.c. (85).

Natica nn. spp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (127-132, Taf. VI).

————— *punctura* (Bean, — *Littorina*, 1839). **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (79).

(K-11720)

Nerinea nn. spp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (132-135, Taf. VII).

————— *dimidiata* n. sp. U.K. **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (73).

Nerita litoralis n. sp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (126, Taf. VI).

Nucula menkii. **Vetters, H.** l.c. **17**, 1905, (248).

Pleurotomaria debilis n. sp. U.K. **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (94).

————— *neosolodurina* n. sp. Somaliland. **Dacqué, E.** Wien, Beitr. Geol. Pal. ÖstUng., **17**, 1905, (141-142, Taf. XVI, figs. 5-6).

Pseudomelania vittata (Phill., — *Melania*, 1835). **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (77).

Purpuroidea. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (127, Taf. VI).

Trochus. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. Ldmus., **4**, 1904, (89-154, mit 1 Taf.).

————— nn. spp. U.K. **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (88-91).

Turbo antonini n. sp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (124-125, Taf. VI).

Tylostoma. Asia Minor. **Krumbeck, L.** l.c. **18**, 1905, (132, Taf. VI).

Vanikoro canaliculata n. sp. U.K. **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (98).

2231.75 CRETACEOUS.

Acmaea capillaris. Sachsen. **Deninger, Karl.** Wien, Beitr. Geol. Pal. ÖstUng., **18**, 1905, (4).

————— *cerrillosensis* n. sp. New Mexico. **Johnson, D. W.** Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Actaeonella. Sachsen. **Deninger, K.** Wien, Beitr. Geol. Pal. ÖstUng., **18**, 1905, (23).

Admetopsis? elevata n. sp. New Mexico. **Johnson, D. W.** Sch. Mines

Q., New York, N.Y., 24, 1903, (173-246, with pl.).

Aporrhais. Sachsen. Deninger, K. Wien, Beitr. Geol. Pal. OstUng., 18, 1905, (29-31).

Bullina. Sachsen. Deninger, K. l.c. 18, 1905, (23).

Cerithium dichachondratum n. nom. für *Cerithium gallicum* Geinitz (non d'Orbigny). Deninger, K. l.c. (17, Taf. III-IV).

Chrysodomus. Sachsen. Deninger, K. l.c. (31-32).

Cinulia. Sachsen. Deninger, K. l.c. (32-33).

Columbella. Sachsen. Deninger, K. l.c. (21).

Fusus. Sachsen. Deninger, K. l.c. (22).

——— Favre, I. Charikov, Trd. Obšč. ispyt. prir., 38, 2, 1903, (143, Taf. II).

Helcion. Sachsen. Deninger, K. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (3-4).

Littorina pectinata, n. nom. für *Littorina gracilis* Geinitz (non Sowerby). Deninger, K. l.c. (10).

Natica plauensis n. nom. Deninger, K. l.c. (11).

Nerita. Sachsen. Deninger, K. l.c. (8).

Patella. Sachsen. Deninger, K. l.c. (4).

——— *tenuicostata* Reuss. Favre, I. Charikov, Trd. Obšč. ispyt. prir., 38, 2, 1903, (139).

Pleurotomaria. Sachsen. Deninger, K. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (4).

——— *pailletteana* d'Orb. Favre, I. Charikov, Trd. Obšč. ispyt. prir., 38, 2, 1903, (139-140).

Pseudomelania. Sachsen. Deninger, K. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (12).

Pterodonta. Dacqué, E. l.c. 17, 1904, (19-20).

Rissoa. Sachsen. Deninger, K. l.c. 18, 1905, (27).

Rostellaria simplex d'Orb. Favre, I. Charikov, Trd. Obšč. ispyt. prir., 38, 2, 1903, (142-143, Taf. II).

Rostellites dalli var. *wallai* n. var. New Mexico. Johnson, D. W. Sch. Mines Q., New York, N.Y., 24, 1903, (173-246, with pl.).

Scaloria. Sachsen. Deninger, K. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (28).

Scurria? coniformis n. sp. New Mexico. Johnson, D. W. Sch. Mines Q., New York, N.Y., 24, 1903, (173-246, with pl.).

Solarium. Sachsen. Deninger, K. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (9, Taf. I).

Stelzneria. Sachsen. Deninger, K. l.c. (5, Taf. I).

Trochus. Sachsen. Deninger, K. l.c. (6-7).

Tudicla. Sachsen. Deninger, K. l.c. (31).

Turbo. Sachsen. Deninger, K. l.c. (5-6).

——— Favre, I. Charikov, Trd. Obšč. ispyt. prir., 38, 2, 1903, (140-142, Taf. II).

Turritella difficilis d'Orb. Favre, I. l.c. (142, Taf. II).

——— *galisteoensis* n. sp. New Mexico. Johnson, D. W. Sch. Mines Q., New York, N.Y., 24, 1903, (173-246, with pl.).

——— *geinitzi* n. nom. Deninger, K. Wien, Beitr. Geol. Pal. OstUng., 18, 1905, (11, Taf. III).

Voluta. Sachsen. Deninger, K. l.c. (32).

Volutilites. Sachsen. Deninger, K. l.c. (32).

2231.80 CAENOZOIC.

Conus waltonensis n. sp. Florida and Alabama. Aldrich, T. H. Nautilus, Philadelphia, Pa., 16, 1903, (131-132, with text fig.).

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Calyptraea nigriensis n. sp. Nigeria. Newton, R. B. Ann. Mag. Nat. Hist., London, (Ser. 7), 15, 1905, (89).

Campanile somaliensis n. sp. **Newton**, R. B. London, Q. J. Geol. Soc., **61**, 1905, (163).

Cancellaria bifoliata n. sp. Florida. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97-101, with pl.).

Clavilithes columbaris n. sp. Mississippi and Alabama. **Aldrich**, T. H. l.c. (97-101, with pl.).

Cypraea nuculoides n. sp. Mississippi and Alabama. **Aldrich**, T. H. l.c. (97-101, with pl.).

Dolium townsendi n. sp. **Newton**, R. B. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (301).

Fasciolaria crookiana n. sp. New Jersey. **Whitfield**, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **21**, 1905, (301-303, with illus.).

Fissuridea infrequens n. sp. Mississippi, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97-101, with pl.).

Latirus elaboratus n. sp. Alabama. **Aldrich**, T. H. l.c. (97-101, with pl.).

Magilus grandis n. sp. Madagascar. **Tornquist**, A. Frankfurt a. M., Avp. Senckenb. Ges., **27**, 1904, (333, Taf. XLVI).

Neptunea burrousi n. sp. **Newton**, R. B. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (300).

Ovula symmetrica n. sp. Mississippi. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97-101, with pl.).

Pleurotoma (Drillia) caseyi n. sp. Mississippi. **Aldrich**, T. H. l.c. (97-101, with pl.).

Tugurium mekranense n. sp. **Newton**, R. B. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (301).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Acme callosiuscula n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Amalia oppoliensis n. sp. **Andreae**, A. l.c. (22).

Cerithium Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

(K-11720)

Emmericia francofurtana n. form. Deutschland. **Boettger**, O. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (112-116).

Helix. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

Hydrobia. Galizien. **Friedberg**, W. S. v. l.c. (275-327, mit 1 Taf.).

Hygromia (Fruticola) neudorfensis n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Limax excavatus n. sp. **Andreae**, A. l.c. (22).

Melanopsis nn. spp., *M. parreyssi*, Phil., *M. hungarica* Korm.; *M. sikorai* Brus.; *M. hazayi* Brus.; *M. tothi* Brus., var. *franciscæ* Brus.; var. *vidoviçi* Brus.; *M. staudi* Brus., var. *costulata* Brus. **Kormos**, T. Földt. Közl., Budapest, **35**, 1905, (375-402, 421-450, mit Taf. II).

Mitra hectori n. sp. N. Zealand. **Hutton**, F. W. Wellington, Trans. N. Zeal. Inst., **37**, 1905, (473, pl. XLIV, fig. 2).

Nerita costellata. Schwabien, **Schütze**, E. Centralbl. Min., Stuttgart, **1905**, (720-727).

Neritina oxytropidae n. sp. Russia. **Andrusov**, N. Mater. geol. Ross., St. Peterburg, **21**, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Pleurotoma. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

———— *hamiltoni* n. sp. N. Zealand. **Hutton**, F. W. Wellington, Trans. N. Zeal. Inst., **37**, 1905, (472-473, pl. XLIV, fig. 1).

Pseudotruncatella n. gen., *P. pretiosa* n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Punctum propygmæum n. sp. **Andreae**, A. l.c. (22).

Pupa lomnickii n. sp. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

Pyramidula mamillata n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Rissoa. Galizien. Friedberg, W. S. v. Wien, Sitzber. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Septa englishi n. sp. Roumania. Newton, R. B. London, Proc. Malac. Soc., 6, 1905, (340).

Spirialis. Andrusov, N. Mater. geol. Ross., St. Petersburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Triptychia margaretae n. sp. Andreas, A. Hildesheim, Mitt. Roemer-Mus., 20, 1904, (22).

Vaginella aucklandica n. sp. N. Zealand. Clarke, E. Wellington, Trans. N. Zeal. Inst., 37, 1905, (419, pl. XXXII, fig. 5).

Valenciennesia roumaniensis n. sp. Roumania. Newton, R. B. London, Proc. Malac. Soc., 6, 1905, (342).

2231.95 PLEISTOCENE AND RECENT.

GENERAL.

Babor, J. F. Die Weichthiere des böhmischen Plistocän und Holocän. Arch. Natw. Ld. Durchf. Böhmen, Prag, 11, Nr. 5, 1904, (1-79).

SPECIAL.

Caducifer n. sect. (of *Colubraria*, type *Triton truncatus* Hinds). Dall, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (136).

Craspedotriton n. sect. (of *Bufonaria*, subgen. of *Bursa*; type *Triton convolutus* Broderip). Dall, W. H. l.c. (119).

Cyclostoma elegans, Vorkommen in Deutschland seit der Diluvialzeit. Menzel, H. Berlin, Jahrb. geol. Landesanst., 24, 1904, (381-390).

Eugyrina n. nom. (= *Gyrina* Schumacher, not *Gyrinus* Linné; type *Ranella gigantea* Lamarck. Dall, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (132).

Helicina occulta. Shimek, B. Davenport, Iowa, Proc. Acad. Nat. Sci., 9, 1904, ([173]-180).

Maculotriton n. sect. (of *Colubraria*, type *Triton bracteatus* Hinds). Dall, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (136).

Monostiolum n. sect. (of *Colubraria*, type *Triton swifti* Tryon). Dall, W. H. l.c. (136).

Paralagena n. nom. (= *Lagena* Mörch, not Walker; subgen. of *Argobuccinum*; type *Ranella vexillum* Lamarck). Dall, W. H. l.c. (132).

Phrygiomurex n. sect. (of *Colubraria*, type *Triton sculptilis* Reeve). Dall, W. H. l.c. (137).

Taeniola n. sect. (of *Colubraria*, type *Triton decollatus* Sowerby). Dall, W. H. l.c. (137).

Tritoniscus n. sect. (of *Cymatium*, type *Triton loroisii* Petit). Dall, W. H. l.c. (134).

Tritonocauda n. sect. (of *Cymatium*, type *Murex caudatus* Gmelin + *Triton canaliferus* Lam.). Dall, W. H. l.c. (133).

Turritriton n. sect. (of *Cymatium*, type *Triton gibbosus* Broderip). Dall, W. H. l.c. (133).

Valvata (*Cincinna*) nn. spp. Hannover. Menzel, H. Berlin, Jahrb. geol. Landesanst., 24, (1903), 1904, (286-289, Taf. XIV).

PELECYPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

GENERAL.

Jukes-Browne, A. J. . . . Genera of the family *Mytilidae*. London, Proc. Malac. Soc., 6, 1905, (211-224).

SPECIAL.

Anopllophera ephippium n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (44-45, with pl.).

Aricula nn. spp. Bären-Insel. Böhm, J. l.c. (25-26, with pl.).

Ariculopecten tenuistriatus n. sp. Bären-Insel. Böhm, J. l.c. (23, with pl.).

Radiotella excellens n. sp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (69-70, Taf. VI).

Bakewellia ursina n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (34-35, with pl.).

Cardita lalemarensis n. sp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (96-97, pl. VI).

Cassianella rosenbuschi n. sp. Predazzo. Philipp, H. l.c. (87-88, pl. V).

Cassianella tectiformis n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (29, with pl.).

Cucullaea (Macrodon ?) cherieanus n. sp. Bären-Insel. Böhm, J. l.c. (39-40, with pl.).

Daonella lovéni n. sp. Bären-Insel. Böhm, J. l.c. (33-34, with pl.).

Dimyodon patera n. sp. Bären-Insel. Böhm, J. l.c. (18, with pl.).

Eumorphotis nn. spp. Bären-Insel. Böhm, J. l.c. (27-29, with pl.).

Gervilleia nn. spp. Bären-Insel. Böhm, J. l.c. (35-37, with pl.).

Gonodon modestus n. sp. Bären-Insel. Böhm, J. l.c. (49, with pl.).

Gryphaea nn. spp. Bären-Insel. Böhm, J. l.c. (16-17, with pl.).

Homomya forsbergi n. sp. Bären-Insel. Böhm, J. l.c. (49-50, with pl.).

Lima nn. spp. Bären-Insel. Böhm, J. l.c. (18-21, with pl.).

Macrodon nn. spp. Bären-Insel. Böhm, J. l.c. (39, with pl.).

Megalodon nn. spp. Bären-Insel. Böhm, J. l.c. (47-48, with pl.).

Myophoria nn. spp. Bären-Insel. Böhm, J. l.c. (41-43, with pl.).

Mysidioptera buchi n. sp. Bären-Insel. Böhm, J. l.c. (21, with pl.).

Nucula triangularis n. sp. Bären-Insel. Böhm, J. l.c. (41, with pl.).

Palaeoneilo nn. spp. Bären-Insel. Böhm, J. l.c. (40-41, with pl.).

Pecten nn. spp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (88-93, pl. VI).

——— (*Bittnerella*) *damesi* n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (22-23, with pl.).

Pholadomya franciscae n. sp. Bären-Insel. Böhm, J. l.c. (50, with pl.).

Pinna nn. spp. Bären-Insel. Böhm, J. l.c. (38, with pl.).

Pleurophorus nn. spp. Bären-Insel. Böhm, J. l.c. (45-47, with pl.).

Posidonomya ? plana n. sp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (94-95, pl. V).

Pseudocucullaea. Schmidt, F. von. l.c. Protok., (120-121).

Pseudomonotis bittneri n. sp. Predazzo. Philipp, H. l.c. Aufsätze, (93-94, pl. VI).

Pseudomonotis (Eumicrotis) spitzbergensis n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (27, with pl.).

Rhynchopterus perna n. sp. Bären-Insel. Böhm, J. l.c. (30, with pl.).

Trigonia margaritifera n. sp. Bären-Insel. Böhm, J. l.c. (43-44, with pl.).

2231.45 PALAEOZOIC.

Aviculipecten, typical species and generic characters. Girty, G. H. Amer. Geol., Minneapolis, Minn., **33**, 1904, (291-296, with text fig.); **34**, 1904, (332-333).

——— Hind, W. l.c. (200-201).

2231.50 LOWER PALAEOZOIC.

Actinopteria reticulata n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (245, pl. XXII, fig. 3).

Arca (Palaearca) turnbulli n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (496).

Ctenodonta nn. spp. U.K. Reed, F. R. C. l.c. (494-495).

——— *jerseyensis* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (164, pl. XI, fig. 17).

Cyrtodonta cancellata n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (496).

Edmondia ? deckerensis n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (241-242, pl. XXII, figs. 6-7).

Modiolopsis nn. spp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (498-500).

——— nn. spp. Weller, S. New Jersey Geol. Surv., Trenton, N.J. Rep. Paleont., **3**, 1903, (170-171, pl. XI, figs. 8-9).

Mytilarca obliqua n. sp. Weller, S. l.c. (245, pl. XXII, fig. 8).

Orthodesma semiradiata n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (493).

Ptychopteria ? *subquadrata* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (193-194, pl. XIV, fig. 16).

Whitella inutilis n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (497).

———— *suborbicularis* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (168, pl. XI, fig. 2).

2131.55 UPPER PALAEOZOIC.

Acanthopecten n. subgen. (of *Aviculopecten* (or *Lima*?); type *Aviculopecten carboniferus* Stevens). Colorado. Girty, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., No. 16, 1903, (417).

Actinopteria sola n. sp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454, with map, text fig. and pl.).

Anthracosia ? *fritschii* n. sp. Schmidt, A. N. Jahrb. Min., Stuttgart, 1905, 1, (47-48, Taf. V, fig. 2).

Avicula bodana. Tokarenko, L. Kasanĭ, Trd. Obšč. jest., 37, 2, 1903, (15).

Ariculopecten janischevsky n. sp. Russland. Tokarenko, L. l.c. (15-16).

Buchiola nn. spp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454, with map, text fig. and pl.).

Cardiomorpha obliquata n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454, with map, text fig. and pl.).

Conocardium sp. Tokarenko, L. Kasanĭ, Trd. Obšč. jest., 37, 2, 1903, (17).

———— *gowandense* n. sp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454, with map, text fig. and pl.).

Elasmatium n. gen., *E. gowandense* n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454, with map, text fig. and pl.).

Honeoyea n. gen., *H. erinacea*, *H. major*, *H. styliophila*, *H. simplex*, *H. desmata* nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Kochia ungula n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Leptodomus nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Loxopteria nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Lunulicardium nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Megalodon crassus. Tokarenko, L. Kasanĭ, Trd. Obšč. jest., 37, 2, 1903, (16-17).

Megambonia parva n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (333, pl. XLIII, fig. 12).

Myalina sp. Tokarenko, L. Kasanĭ, Trd. Obšč. jest., 37, 2, 1903, (16).

Myophoria deltoidea. Tokarenko, L. l.c. (16).

Ontaria n. gen. (= *Cardiola* auct. aliq.; type *Ungulina suborbicularis* Hall), *O. pontiaca*, *O. accincta*, *O. affiliata*, *O. halli* nn. spp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454).

Onychocardium n. gen., *O. portlandicum* n. sp. New York: Devonian. Whitfield, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 21, 1905, (17-20); (18-20, pl. I, fig. 2).

Palaeonodonta nn. spp. Schmidt, A. N. Jahrb. Min., Stuttgart, 1905, 1, (52-56, Taf. V, figs. 6-10).

Palaeonilo nn. spp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454).

Paracardium delicatulum n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Paraptys n. gen., *P. ontario* n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Posidonia marcellensis n. sp., *P. venusta* Münster var. *nitidula* n. var. New York. Clarke, J. M. l.c. (11. + [199]-454).

Praecardium nn. spp. New York. **Clarke, J. M.** l.c. (11. + [199]-454).

Pterochuena n. gen., *P. fragilis* Hall var. *orbicularis* n. var., *P. sinuosa*, *P. perissa*, *P. elmensis*, *P. cashaquae*, *P. uchtensis* nn. spp. New York. **Clarke, J. M.** l.c. (11. + [199]-454).

Rhombopteria clathratus n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (291, pl. XXXI, figs. 16-18).

2231.60 MESOZOIC.

Anopaca nn. spp. Niederländisch-Indien. **Boehm, G.** Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg 1, (19-20, Taf. I).

Mytilus diepenheimi n. sp. Niederländisch-Indien. **Boehm, G.** l.c. (20, Taf. I).

Nucula taliabutica n. sp. Niederländisch-Indien. **Boehm, G.** l.c. (21, Taf. I).

2231.65 TRIASSIC.

Cassianella ecki n. sp. Deutschland. **Böhm, J.** Berlin, Zs. D. geol. Ges., **56**, 1904, briefl. Mitt., (95-96).

Gervillia spinosa n. sp. **Linstow, O.** von. l.c. Aufsätze, (102-103, with figs).

Mytilus eduliformis sp. **Benecke, E. W.** Centralbl. Min., Stuttgart, **1905**, (705-714).

Pinna ecki n. sp. **Picard, E.** Berlin, Jahrb. geol. Landesanst., **24**, 1904, (333-336).

2231.70 JURASSIC.

Alectryonia. Somaliland. **Dacqué, E.** Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1905, (134-135, Taf. XV, figs. 7, 21).

———— *hastellata*. Asia Minor. **Krumbeck, L.** l.c. **18**, 1905, (107-108, Taf. IV).

Anatina. Asia Minor. **Krumbeck, L.** l.c. (123-124, Taf. VI).

Anomia. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

Astarte. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (115-116, Taf. V).

———— nn. formm. Deutsch-Lothringen und Luxemburg. **Benecke, E. W.** Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (217, 223).

Aucella. **Vetters, H.** Wien, Beitr. Geol. Pal. ÖstUng., **17**, 1905, (249-250).

Avicula mulatae n. sp. Somaliland. **Dacqué, E.** l.c. (131-132, Taf. XV).

Cardium spp. Asia Minor. **Krumbeck, L.** l.c. **18**, 1905, (119-121, Taf. V).

Ceromya augusticostata n. sp. Asia Minor. **Krumbeck, L.** l.c. (121-122, Taf. VI).

———— *excentrica*. Somaliland. **Dacqué, E.** l.c. **17**, 1905, (139-140).

Corbis strambergensis. **Vetters, H.** l.c. (247).

Ctenostreon. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

Cucullaea. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (114).

Diceras im südlichen Hannover. **Menzel, H.** Berlin, Zs. D. geol. Ges., **56**, 1904, Protokolle, (10-14).

Exogyra bruntrutana. Somaliland. **Dacqué, E.** Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1905, (135-136, Taf. XV, fig. 18).

Gervilleia? ferruginea n. sp. Deutsch-Lothringen und Luxemburg. **Benecke, E. W.** Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (142).

Isocardia eljasensis n. sp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (117-118, Taf. V).

Leda medusa n. sp. Russland. **Borisiak, A. A.** St. Petersburg, Mém. Com. géolog., (N. Sér.), **11**, 1904, (1-28); rés. allem. (29-40, avec 3 pl.).

Lima. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

———— nn. spp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (97-101, Taf. III).

Tancredia incurva n. sp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. *l.c.* (251).

Trichites suprajurensis n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (96-97, Taf. III).

Trigonia nn. formm. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. Geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (189-191).

———— *arca-furcata* n. sp. Oesterreich. **Vetters**, H. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1905, (248-249, Taf. XXII).

———— *libanensis* n. sp. Asia Minor. **Krumbeck**, L. *l.c.* **18**, 1905, (114-115, Taf. II.).

Unicardium subglobosum n. sp. Asia Minor. **Krumbeck**, L. *l.c.* (118-119, Taf. V).

2231.75 CRETACEOUS.

Arca geinitzi Reuss. **Favre**, I. Charikov. Trd. Obšč. ispyt. prir., **38**, 2, 1903, (133-134).

———— *madridensis* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Aucella strongi n. sp. New Mexico. **Johnson**, D. W. *l.c.* (173-246, with pl.).

Avicula pectinoides Reuss. **Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (127).

Cardium. **Favre**, I. *l.c.* (135-137).

Corbula nematophora var. *fitchi* n. var. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Cucullea gabrielis. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (15, Taf. II, fig. 12).

Cyprimeria ? *sulcata* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Cyprina. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (16-17, Taf. II, fig. 9).

Cyrena nn. spp. Rikuzen. **Yokoyama**, M. Tokyo, J. Coll. Sci., **18**, Art. 6, 1904, (10-11, pls. I-II, figs. 4, 9).

Desertella n. gen., *D. foureaui* n. sp. **Hang**, E. Paris, C.-R. Acad. Sci., **138**, 1904, (1529-1531).

Endocostea brooksi n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Exogyra coultoni. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (14, Taf. II, fig. 6-8).

———— *lateralis* Nils. **Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (110-111, Taf. II).

Gervillia sublancoolata (d'Orb.,—*Avicula*, 1850). **Woods**, H. London, Monogr. Palaeont. Soc., **59**, 1905, (74).

———— *trigona* n. sp. Rikuzen. **Yokoyama**, M. Tokyo, J. Coll. sci., **18**, Art. 6, 1904, (12, pl. II, fig. 7-8).

Granocardium productum Sow. **Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (134-135).

Gryphea vesicularis Lam. **Favre**, I. *l.c.* (109-110, Taf. I).

Inoceramus. **Favre**, I. *l.c.* (128-131, Tafs. I-III).

———— nn.spp. Böhmen. **Flegel**, K. Breslau, Jahresber. Ges. vaterl. Cultur, **82**, (1904), 1905, natw. Sect., (114-144).

———— *irregularis* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Janira quinquecostata Sow. **Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (121).

Leda producta Nils. **Favre**, I. *l.c.* (132-133).

Lima. **Favre**, I. *l.c.* (122-125, Taf. I).

———— *costicillata* n. sp. Böhmen. **Petrascheck**, W. Wien, Jahrb. Geol. RchsAnst., **55**, 1905, (433-434, Taf. X, figs. 10-12).

Ostrea. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (13-14, Taf. II, fig. 4).

———— **Favre**, I. Charikov. Trd. Obšč. ispyt. prir., **38**, 2, (111-115, Taf. II.).

Ostrea caenoioides var. *novae*
n. var. New Mexico. Johnson, D. W.
Sch. Mines Q., New York, N.Y., 24,
1903, 173-246, with pl.,

Porten. Favre, I. Charikov, Trd.
Obšč. ispyt. prir., 38, 2, 1903, 115-121,
Taf. I-II,

———— *kalkorakyi* n. sp., Böhmen.
Petrascheck, W. Wien, Jahrb. Geol.
Reichsanst., 56, 1905, 431-432, Taf. X,
figs. 1-4,

Perna lanceolata Geinitz. Favre, I.
Charikov, Trd. Obšč. ispyt. prir., 38, 2,
1903, 128).

———— *rikuzenica* n. sp. Rikuzen.
Yokoyama, M. Tokyo, J. Coll. Sci., 18,
Art. 6, 1904, 13, pl. I, fig. 1).

Pholadomya pieteti. Daqué, E.
Wien, Beitr. Pal. Geol. OstUng., 17,
1904, (17, Taf. II, figs. 10-11),

Placunopsis iskoudouboukiana. Daqué,
E. l.c. (13).

Pteria nn. spp. U. K., *P. (Oxytoma)*
cornueliana (d'Orb.,—*Avicula*, 1846);
P. (Oxytoma) pectinata (Sow.,—*Avicula*,
1836); *P. (Oxytoma) dubia* (Eth.,—*Avicula*,
1881); *P. (Oxytoma) tenui-*
costata (Röm.,—*Avicula*, 1841); *P.*
(Pseudoptera) rubileprezza (d'Orb.,—*Avicula*,
1850); *P. (Pseudoptera) caru-*
leacens (Nilss.,—*Avicula*, 1827). Woods,
H. London, Monogr. Palaeont. Soc., 59,
1905, (57-67),

Spondylus spinosus Deshayes. Favre,
I. Charikov, Trd. Obšč. ispyt. prir.,
38, 2, 1903, (126-127, Taf. I).

Trigonia pieteti. Daqué, E. Wien,
Beitr. Pal. Geol. OstUng., 17, 1904,
(15-16, Taf. II, figs. 1-2).

———— *costata* Lycett. Rikuzen.
Yokoyama, M. Tokyo, J. Coll. Sci., 18,
Art. 6, 1904, (8-9, pl. II, figs. 2-4).

———— *hosourensis*, Rikuzen.
Yokoyama, M. l.c. (11, pl. I, fig. 3).

Venus. Favre, I. Charikov, Trd.
Obšč. ispyt. prir., 38, 2, 1903, (137-
139).

Vola neumanni n. sp. Daqué, E.
Wien, Beitr. Pal. Geol. OstUng., 17,
1904, (12-13, Taf. III, fig. 1).

2231.80 CAESODONT.

Williamson, Mrs. H. Boston. Review
of the classification of the Cyrenidae by
William H. Dall. Nautilus, Boston,
Mass., 17, 1903, (47-55).

**2231.85 LOWER CAESODONT
(BOCKEN, OLIGOCENE).**

Anisocardia mayeri n. sp. Aegypten.
Oppenheim, P. Palaeontographica,
Stuttgart, 30, 1903, Abt. 3, (164).

Arca nn. spp. Aegypten. Oppen-
heim, P. l.c. (86-92).

———— *Monfordi* n. sp. Boston.
R. B. Geol. Mag., London, (Ser. 2), [5],
2, 1905, (298).

Cardita nn. spp. Aegypten. Oppen-
heim, P. Palaeontographica, Stuttgart,
30, 1903, Abt. 3, (99-111).

Cardium (Lorocardium) desertorum
n. sp. Aegypten. Oppenheim, P. l.c.
(156-157).

———— *McCrilli* n. sp. Boston.
R. B. Geol. Mag., London, (Ser. 2), [5],
2, 1905, (299).

Chama nn. spp. Aegypten. Oppen-
heim, P. Palaeontographica, Stuttgart,
30, 1903, Abt. 3, (118-119).

———— *monroensis* n. sp. Ala-
bama. Aldrich, T. H. Nautilus, Phila-
delphia, Pa., 16, 1903, (97-101).

Crassatella nn. spp. Aegypten. Op-
penheim, P. Palaeontographica, Stutt-
gart, 30, 1903, Abt. 3, (112-116).

Cucullaea dimchensis n. sp. Aegypten.
Oppenheim, P. l.c. (85).

Cyprina aegyptiaca n. sp. Aegypten.
Oppenheim, P. l.c. (161-162).

Cyrena (Corbicula) blanckenhorni n.
sp. Aegypten. Oppenheim, P. l.c.
(160).

Gryplutea gregoryi n. sp. Newton,
R. B. London, Q. J. Geol. Soc., 61,
1905, (167).

———— *pharaonum* n. sp. Aegyp-
ten. Oppenheim, P. Palaeontographica,
Stuttgart, 30, 1903, Abt. 3, (13).

Isocardia ? rorax n. sp. Aegypten.
Oppenheim, P. l.c. (162-163).

Lima nn. spp. Aegypten. Oppen-
heim, P. l.c. (57-59).

Limopsis thebaica n. sp. Aegypten. **Oppenheim, P.** l.c. (95).

Lithodomus nn. spp. Aegypten. **Oppenheim, P.** l.c. (78-80).

Lucina nn. spp. Aegypten. **Oppenheim, P.** l.c. (170-171, pl. XI, figs. 8-9).

Macra mekransensis n. sp. **Newton, R. B.** Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (298).

Modiolaria fraasi n. sp. Aegypten. **Oppenheim, P.** Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (80-81).

Mytilus nn. spp. Aegypten. **Oppenheim, P.** l.c. (77-78).

Nucula moeridis n. sp. Aegypten. **Oppenheim, P.** l.c. (82-83).

Ostrea nn. spp. Aegypten. **Oppenheim, P.** l.c. (16-45).

Panopaea sahariensis n. sp. Sahara. **Newton, R. B.** Ann. Mag. Nat. Hist., London, (Ser. 7), **15**, 1905, (88).

Pecten nn. spp. Aegypten. **Oppenheim, P.** Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (52-55).

————— (*Pseudamusium*) *subminutus* n. sp. Mississippi. **Aldrich, T. H.** Nautilus, Philadelphia, Pa., **16**, 1903, (79-101).

Pectunculus nn. spp. Aegypten. **Oppenheim, P.** Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (94-95).

Plicatula nn. spp. Aegypten. **Oppenheim, P.** l.c. (61-62).

Spondylus nn. spp. Aegypten. **Oppenheim, P.** l.c. (66-67).

————— *somaliensis* n. sp. **Newton, R. B.** London, Q. J. Geol. Soc., **61**, 1905, (169).

Tellina krausei M'Coy = *Semele krauseana* Tate. **Chapman, F.** Vict. Nat., Melbourne, **21**, 1905, (180).

Verticordia nn. spp. Mississippi and Alabama. **Aldrich, T. H.** Nautilus, Philadelphia, Pa., **16**, 1903, (97-101, with pl.).

Vulsella nn. spp. Aegypten. **Oppenheim, P.** Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (70-76).

Vulsella nigeriensis n. sp. Nigeria. **Newton, R. B.** Ann. Mag. Nat. Hist., London, (Ser. 7), **15**, 1905, (85).

2231.90 *UPPER CAENOZOIC (MIOCENE, PLIOCENE).*

Amussium papakurens n. sp. New Zealand. **Clarke, E.** Wellington, Trans. N. Zeal. Inst., **37**, 1905, (418, pl. XXXII, fig. 4).

Cardita. Galizien. **Friedberg, W. S. v.** Wien, SitzBer. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

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————— Galizien. **Friedberg, W. S. v.** Wien, SitzBer. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

Congerina. **Andrusov, N.** Mater. geol. Ross., St. Peterburg, **21**, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Corbula. Galizien. **Friedberg, W. S. v.** Wien, SitzBer. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

Cryptodon. **Andrusov, N.** Mater. geol. Ross., St. Peterburg, **21**, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Cryptomactra. **Andrusov, N.** l.c. (255-381, mit 7 Taf. u. 1 Karte).

Cytherea. Galizien. **Friedberg, W. S. v.** Wien, SitzBer. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

Dreissensia. **Andrusov, N.** Mater. geol. Ross., St. Peterburg, **21**, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Ervilia. Galizien. **Friedberg, W. S. v.** Wien, SitzBer. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

Leda prendeli n. sp. Russia. **Andrusov, N.** Mater. geol. Ross., St. Peterburg, **21**, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Pecten. Galizien. **Friedberg, W. S. v.** Wien, SitzBer. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

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1. Subject: Private
 2. File No. 100-300000
 3. Date: 10-10-50

Person with: 1. Mr. N. Zealand
 Boston, 3 N. W. - Kingston, Tenn. N.
 Zani, Inc. 30, 1915. 453.

[illegible]

Paraffin: 200 g. heated to 100°C.
N. Z. L. Inc. Wellington,
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228196 PLASTICINE AND RESIN

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23LS5 - THE REVOLUTION

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2231.65 TRANS.

Dentalium sp. nov. **Read,**
A. Centrall. Min. Stuttgart. **1905.**
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2231.75 CRETACEOUS.

Dentalium medium. Sow. Favre, I. Charikov. Trd. Obsc. ispyt. prir., 38, 2, 1903, (144).

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Hemiteles giganteus n. sp. Aguirre,
A. Pacif. Nat. Soc. cont., 1939, (193-
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2011.05 TRIASSIC.

Glyptopterus bathyringus n. sp.
Lacaze. *Bull.* P. Nancy, Bull. Soc.
Sci. ser. 3, 4, 1903, (116-119).

243170 JURASSIC

Immaculata n. gen., *A. quadrata* n. sp. Germany. Walther, J. Zool. Deutschr. med. Ges., 11, 1904, (163).

Compterothlebia n. gen., *C. dreyeri*
n. sp. Braunschweig. Dode, A. Ber-
lin. Jahrb. geol. Landesanst., 25, (1904),
1905, 225-229, Taf. VII.

Elanus griseus Heer, var. *aeneus* L.
var. Braunschweig. Bode, A. 1c.
22-23. Taf VI.

Aglyptaria n. sp. Braunschweig
Bode, A. l. 23-26, Taf. VI.

Heterophyes n. sp. Braunschweig.
Bode, A. 1. 221-236, Taf. VII).

Stilpnus n. gen. K. knechtii
n. sp. Germany. Walther, J. Jena,
Leb. med. Ges. 11, 1904, (184-
185).

Archizetia Phryginidium) nn. spp.
Braunschweig. Bode, A. Berlin, Jahrb.
geol. Landesanst., 25, (1904), 1905.
242-244, Taf. VI.

Phryganidia *nn.* *spp.* Braun-
schweig. Bode, A. l.c. 241-242, 244-
245. Tab. VI.

2431.85 *LOWER CENOZOIC
Eocene, Oligocene.*

Dipdonema ruscicornis n. sp. Ambre
de la Baltique: *D. longicornis* Loew.
Meun., description. **Meunier**, F. Ann.
Hist.-Nat. Mus. Nat. Hung., Budapest, 3,
1905, 251-252.

Dorcaschema succineum n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, **1905**, (232-245).

Eatonisca tertiaria n. sp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **3**, 1905, (253-254).

Nothorrhina granulicollis n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf., Freunde, **1905**, (232-245).

Palaeoascia uniappendiculata n. sp. Deutschland. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (201-210).

Palaeosphegina elegantula n. sp. Deutschland. **Meunier**, F. l.c. (201-210).

Pericoma nn. spp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **3**, 1905, (243-245).

Phlebotomus tipuliformis n. sp. Ambre de la Baltique. **Meunier**, F. l.c. (254).

Plecia borussica n. sp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (391-404).

Pogonochaerus jaekeli n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, **1905**, (232-245).

Psychoda eocenica n. sp. Ambre de la Baltique; *P. oxyptera* Loew. (Meun.), description. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **3**, 1905, (245-246).

Rhyphus nn. spp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (391-404).

Scatopse nn. spp. Bernstein. **Meunier**, F. l.c. (391-404).

Simulia nn. spp. Bernstein. **Meunier**, F. l.c. (391-404).

Spheginascia biappendiculata n. sp. Deutschland. **Meunier**, F. l.c. (201-210).

Strangalia berendtiana n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, **1905**, (232-245).

Sycorax nn. spp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **3**, 1905, (252-253).

Syrphus curtipetiolatus n. sp. Deutschland. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (201-210).

Trichomyia nn. spp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **3**, 1905, (246-251).

Xylota pulchra n. sp. Deutschland. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (201-210).

2431.95 PLEISTOCENE AND RECENT.

Aphodius succini n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, **1905**, (197-205, 222).

Carabus, degré d'évolution à l'époque du pléistocène moyen. **Lapouge**, G. de. Rennes, Bul. soc. sci. méd., **11**, 1902, (548-564).

Gyrinus sculpturatus n. sp. Schweden. **Mjöberg**, E. Stockholm, Geol. För. Förh., **27**, 1905, (233-236, with pl.).

Olophrum interglaciale n. sp. **Mjöberg**, E. l.c. **26**, 1904, (493-497, with pl.).

Platycerus berendti n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, **1905**, (197-205, 222).

2631 CRUSTACEA.

2631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Beyrichia argentina n. sp. Argentinien. **Thomas**, I. Berlin, Zs. D. geol. Ges., **57**, 1905, Aufsätze, (250, pl. XI).

2631.50 LOWER PALAEOZOIC.

Aparchites ? nn. spp. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-1903, [1905], (45-46, with pl.).

Beyrichia nn. spp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (253-267, pl. XXIII).

Beyrichona nn. spp. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-1903, [1905], (46-47, with pl.).

Bradoria nn. spp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (99-102).

Bradorona nitida n. sp. **Wiman, C.** Upsala, Bull. Geol. Inst., **6**, 1902-1903, [1905], (48, with pl.).

Bythocypris nearpassi n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (257, pl. XXIII).

Eurychilina nn. spp. **Weller, S.** l.c. (210, pl. XIII).

Hipponicharion matthewi n. sp. **Wiman, C.** Upsala, Bull. Geol. Inst., **6**, 1902-1903, [1905], (49, with pl.).

Indiana? *minima* n. sp. **Wiman, C.** l.c. [1905], (48-49, with pl.).

Leperditella ornata n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (200, pl. XIII).

Leperditia nn. spp. **Weller, S.** l.c. (208, 252-265, pls. XII, XXIII).

Sellula fallax n. sp. **Wiman, C.** Upsala, Bull. Geol. Inst., **6**, 1902-1903, [1905], (48, with pl.).

2631.55 UPPER PALAEOZOIC.

GENERAL.

Jones, T. Rupert. Some Paleozoic Ostracods from Maryland. Baltimore, Md., Johns Hopkins Univ. Cir. (N. Ser.), No. **3**, 1905, (30-33, with text fig.).

SPECIAL.

Anthrapalaemon serratus n. sp. **U.K. Woodward, H.** Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (438).

Cyclus johnsoni from the Coal Measures near Dudley. **Woodward, H.** l.c. (490-492, with figs.).

Primitia froburgensis n. sp. Maryland, Permian. **Jones, T. R.** Baltimore, Md., Johns Hopkins Univ. Cir., (N. Ser.), No. **3**, 1905, (30-33, with text fig.).

2631.65 TRIASSIC.

Katheriella radiata (Salinas) var. *multilineata* n. var. **Jones, T. R.** Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (51).

2631.70 JURASSIC.

Eryon. Peiser, G. Beitrag zu Kenntniss . . . der Gattung. . . . Diss. Erlangen, 1904, (58, mit 1 Taf.).

2631.75 CRETACEOUS.

Calianassa unciifer n. sp. **Harbert, E.** Berlin, Jahrb. geol. Landesanst., **28**, 1905, (26-42, mit 1 Taf.).

2631.80 CAENOZOIC.

GENERAL.

Lienenklaus, E. Die Ostrakoden des Mainzer Tertiärbeckens. Frankfurt a. M., Ber. Senckenb. Geo., 1906, Tl. **2**, (3-74, mit 4 Taf.).

SPECIAL.

Bairdia tenuis n. sp. **Lienenklaus, E.** Frankfurt a. M., Ber. Senckenb. Ges., 1906, Tl. **2**, (30, Taf. II).

Candona nn. spp. **Lienenklaus, E.** l.c. (21-24, Taf. 7).

Cuneocythere punctulata n. sp. **Lienenklaus, E.** l.c. (48-49, Taf. IV).

Cyclocypris similis n. sp. **Lienenklaus, E.** l.c. (18-19, Taf. I).

Cypria curvata n. sp. **Lienenklaus, E.** l.c. (19-20, Taf. I).

Cypridopsis kinkelini n. sp. **Lienenklaus, E.** l.c. (27, Taf. II).

Cypris nn. spp. **Lienenklaus, E.** l.c. (24-27, Taf. I and II).

Cythereis ramosa n. sp. **Lienenklaus, E.** l.c. (32-33, Taf. III).

Cytheridea nn. sp. **Lienenklaus, E.** l.c. (39-47, Taf. III-IV).

Cytheropteron punctulatum n. sp. **Lienenklaus, E.** l.c. (56-57, Taf. IV).

Cytherura sulcata n. sp. **Lienenklaus, E.** l.c. (55, Taf. IV).

Eucytherura dentata n. sp. **Lienenklaus, E.** l.c. (57, Taf. IV).

Iliocypris nn. spp. **Lienenklaus, E.** l.c. (28-29, Taf. II-III).

Limnocythere zinndorfi n. sp. **Lienenklaus, E.** l.c. (58, Taf. IV).

Loxoconcha nn. spp. **Lienenklaus, E.** l.c. (52-53, Taf. IV).

Pontocypris nn. spp. **Lienenklaus, E.** l.c. (16-17, Taf. I).

Nestoleberis rhenana n. sp. **Lienenklaus, E.** l.c. (53-54, Taf. IV).

**2631.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).**

Neptunus arabicus n. sp. **Woodward**, H. Geol. Mag., London, (ser. 2), [5], 2, 1905, (307).

Ommatocarcinus corioensis, description. **Hall**, T. S. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1905, (356-360, with 1 pl.).

**2631.90 UPPER CAENOZOIC
PLEISTOCENE AND RECENT.**

GENERAL.

Cushman, J. A. Miocene barnacles from Gay Head, Mass., with notes on *Balanus proteus* Conrad. Amer. Geol. Minneapolis, Minn., 34, 1904, ([293]-296, with text fig.).

Lomnicki, J. L. M. Compte rendu des recherches entreprises sur l'extension de l'houille brune dans certains endroits de Pokucie en Galicie. (Polish) Kosmos, Lwów, 29, 1904, (374-391).

Sieber, Fossile Süßwasser-Ostrakoden aus Württemberg. Stuttgart, Jahreshfte Ver. Natk., 61, 1905, (321-346, mit 2 Taf.).

SPECIAL.

Cushman, J. A. *Balanus proteus* from Massachusetts. Amer. Geol., Minneapolis, Minn., 34, 1904, ([293]-296, with text fig.).

Candona steinheimensis n. sp. Württemberg. **Sieber**. Stuttgart, Jahreshfte Ver. Natk., 61, 1905, (327-329, Taf. VIII).

Candonopsis arida n. sp. Württemberg. **Sieber**. l.c. (332-333, Taf. VIII).

Cyclocypris nitida n. sp. Württemberg. **Sieber**. l.c. (333-334).

Cypria suborbicularis n. sp. Württemberg. **Sieber**. l.c. (334-335, Taf. VIII).

Cypridopsis gracilis n. sp. Württemberg. **Sieber**, l.c. (339-340, Taf. IX).

Cypris nn. spp. Württemberg. **Sieber**. l.c. (335-338, Taf. VIII and IX).

Iliocypris binocularis n. sp. Württemberg. **Sieber**. l.c. (341-342, Taf. IX).

Limnocythere esphigmena n. sp. Württemberg. **Sieber**. l.c. (343-345, Taf. IX).

2631.95 PLEISTOCENE AND RECENT.

Sieber. Fossile Süßwasser-Ostrakoden aus Württemberg. Stuttgart, Jahreshfte Ver. Natk., 61, 1905, (321-346, mit 2 Taf.).

2831 XIPHOSURA, EURIPTERIDA, TRILOBITA.

Nileus. **Schmidt**, Fr. St. Peterburg, Mém. Ac. Sc., (Sér. 8), 14, 1904, (63-68).

2831.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

GENERAL.

Agnus. *Palaeoblattina douvillei*, considérée d'abord comme un insecte, est une pointe génale de trilobite. Paris, C.-R. Acad. sci., 138, 1904, (398).

Moberg, J. C. Contributions to a knowledge of the structure of the Trilobites. (Swedish) Stockholm, Geol. Förh., 24, 1902, (295-302, pl. 3).

Perner, J. Ueber das Sehorgan am Hypostomum der Trilobiten. (Čechisch) Vesmír, Prag, 33, 1904, (64-65).

Reed, F. R. C. The classification of the *Phacopidae*. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (172-178; 224-228).

SPECIAL.

Homalonotus kayseri n. sp. Argentinien. **Thomas**, I. Berlin, Zs. D. geol. Ges., 57, 1905, Aufsätze, (245-246, Taf. IX).

Phacops argentinus n. sp. Argentinien. **Thomas**, I. l.c. (246-247, Taf. XI).

2831.50 LOWER PALAEOZOIC.

GENERAL.

Grönwall, K. A. On the Scandinavian *Paradoxides*-beds. (Swedish) Stock-

Linza. (*Plagiostoma*) *ferruginea* n. sp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. 6, 1905, (122).

———— *harrousi* n. sp. Somaliland. **Dacqué**, E. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (133-134, Taf. XV, figs. 13, 14).

Linza Mähren. **Rachak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

Lithodomus nn. spp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (112-113, Taf. IV).

Macrodon rufae n. sp. Somaliland. **Dacqué**, E. l.c. 17, 1905, (137-138, Taf. XV, figs. 4-6).

Modiola. Mähren. **Rachak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

———— *amphitrite* n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (110-111, Taf. IV).

———— *hochi* n. form. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. 6, 1905, (167).

———— *subangustissima* n. sp. Somaliland. **Dacqué**, E. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (136-137, Taf. XV, fig. 8).

Myophoria. Asia Minor. **Krumbeck**, L. l.c. 18, 1905, (114).

Mytilus alatus n. sp. Asia Minor. **Krumbeck**, L. l.c. 18, 1905, (108-109, Taf. IV).

———— *subpectinatus*. Somaliland. **Dacqué**, E. l.c. 17, 1905, (136, Taf. XV, fig. 27).

Nucula nn. spp. Russland. **Borisiak**, A. A. St. Peterburg, Mém. Com. géolog., (N. sér.), 11, 1904, (1-28 + rés. allem. 29-49, avec 3 pls.).

———— spp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (113-114).

Ostrea nn. spp. Asia Minor. **Krumbeck**, L. l.c. (105-107, Taf. V).

———— *bristovi* n. sp. (ex Etheridge MS.) U.K. **Richardson**, L. London, Q. J. Geol. Soc., 61, 1905, (422).

Oxytoma Mähren. **Rachak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

Pachyerisma blanchenhorni n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (116-117, Taf. V).

Palaeonilo nn. spp. Russland. **Borisiak**, A. A. St. Peterburg, Mém. Com. géolog. (N. sér.), 11, 1904, (1-28 + rés. allem. 29-49, avec 3 pls.).

Peeten nn. spp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (102-105, Taf. III and IV).

———— **Vetters**, H. l.c. 17, 1905, (250-252).

———— *erlangeri* n. sp. Somaliland. **Dacqué**, E. l.c. (132-133, Taf. XV, figs. 12-20).

———— *psudoprisca* n. sp. Mähren. **Rachak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

Phaenodesmia nn. spp. Russland. **Borisiak**, A. A. St. Peterburg, Mém. Com. géolog. (N. sér.), 11, 1904, (1-28); rés. allem. (29-70, avec 3 pls.).

Pholadomya. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (123, Taf. VI).

———— Mähren. **Rachak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

———— *protei*. Somaliland. **Dacqué**, E. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (140-141, Taf. XV, figs. 1-3).

Pinna. Mähren. **Rachak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

Plagiostoma. Mähren. **Rachak**, A. l.c. (89-154, mit 1 Taf.).

Pleuromya. Mähren. **Rachak**, A. l.c. (89-154, mit 1 Taf.).

Pleurotomaria. Mähren. **Rachak**, A. l.c. (89-154, mit 1 Taf.).

Plicatula. Mähren. **Rachak**, A. l.c. (89-154, mit 1 Taf.).

Pronocella nn. spp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. Geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. 6, 1905, (236, 245).

Tancredia incurva n. sp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. *l.c.* (251).

Trichites suprajurensis n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (96-97, Taf. III).

Trigonia nn. formm. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. Geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (189-191).

———— *arca-furcata* n. sp. Oesterreich. **Vetters**, H. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1905, (248-249, Taf. XXII).

———— *libanensis* n. sp. Asia Minor. **Krumbeck**, L. *l.c.* **18**, 1905, (114-115, Taf. II.).

Unicardium subglobosum n. sp. Asia Minor. **Krumbeck**, L. *l.c.* (118-119, Taf. V).

2231.75 CRETACEOUS.

Arca geinitzi Reuss. **Favre**, I. Charikov. Trd. Obšč. ispyt. prir., **38**, 2, 1903, (133-134).

———— *madridensis* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Aucella strongi n. sp. New Mexico. **Johnson**, D. W. *l.c.* (173-246, with pl.).

Avicula pectinoides Reuss. **Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (127).

Cardium. **Favre**, I. *l.c.* (135-137).

Corbula nematophora var. *fitchi* n. var. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Cucullca gabrielis. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (15, Taf. II, fig. 12).

Cyprimeria ? *sulcata* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Cyprina. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (16-17, Taf. II, fig. 9).

Cyrena nn. spp. Rikuzen. **Yokoyama**, M. Tokyo, J. Coll. Sci., **18**, Art. 6, 1904, (10-11, pls. I-II, figs. 4, 9).

Desertella n. gen., *D. foureaui* n. sp. **Haug**, E. Paris, C.-R. Acad. Sci., **138**, 1904, (1529-1531).

Endocostea brooksi n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Exogyra coultoni. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (14, Taf. II, fig. 6-8).

———— *lateralis* Nils. **Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (110-111, Taf. II).

Gervillia sub lanceolata (d'Orb.,—*Avicula*, 1850). **Woods**, H. London, Monogr. Palaeont. Soc., **59**, 1905, (74).

———— *trigona* n. sp. Rikuzen. **Yokoyama**, M. Tokyo, J. Coll. sci., **18**, Art. 6, 1904, (12, pl. II, fig. 7-8).

Granocardium productum Sow. **Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (134-135).

Gryphea vesicularis Lam. **Favre**, I. *l.c.* (109-110, Taf. I).

Inoceramus. **Favre**, I. *l.c.* (128-131, Tafs. I-III).

———— nn.spp. Böhmen. **Flegel**, K. Breslau, Jahresber. Ges. vaterl. Cultur, **82**, (1904), 1905, natw. Sect., (114-144).

———— *irregularis* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Janira quinquecostata Sow. **Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (121).

Leda producta Nils. **Favre**, I. *l.c.* (132-133).

Lima. **Favre**, I. *l.c.* (122-125, Taf. I).

———— *costicillata* n. sp. Böhmen. **Petrascheck**, W. Wien, Jahrb. Geol. Reichsanst., **55**, 1905, (433-434, Taf. X, figs. 10-12).

Ostrea. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (13-14, Taf. II, fig. 4).

———— **Favre**, I. Charikov. Trd. Obšč. ispyt. prir., **38**, 2, (111-115, Taf. II.).

Rissoa. Galizien. Friedberg, W. S. v. Wien, Sitzber. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Septa engliishi n. sp. Roumania. Newton, R. B. London, Proc. Malac. Soc., 6, 1905, (340).

Spiralia. Andrusov, N. Mater. geol. Ross., St. Petersburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Triptychia margaritae n. sp. Andreas, A. Hildesheim, Mitt. Rosner-Mus., 20, 1904, (22).

Vaginella auchlandica n. sp. N. Zealand. Clarke, E. Wellington, Trans. N. Zeal. Inst., 37, 1905, (419, pl. XXXII, fig. 5).

Valenciennesia roumanicus n. sp. Roumania. Newton, R. B. London, Proc. Malac. Soc., 6, 1905, (342).

2231.95 PLISTOCENE AND RECENT.

GENERAL.

Babor, J. F. Die Weichthiere des böhmischen Plistocän und Holocän. Arch. Natw. Ld. Durchf. Böhmen, Prag, 11, Nr. 5, 1904, (1-79).

SPECIAL.

Caducifer n. sect. (of *Colubraria*, type *Triton truncatus* Hinds). Dall, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (136).

Craspedotriton n. sect. (of *Bufonaria*, subgen. of *Bursa*; type *Triton convolutus* Broderip). Dall, W. H. l.c. (119).

Cyclostoma elegans, Vorkommen in Deutschland seit der Diluvialzeit. Menzel, H. Berlin, Jahrb. geol. Landesanst., 24, 1904, (381-390).

Eugyrina n. nom. (= *Gyrina* Schumacher, not *Gyrinus* Linné; type *Ranella gigantea* Lamarck). Dall, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (132).

Helicina occulta. Shimek, B. Davenport, Iowa, Proc. Acad. Nat. Sci., 3, 1904, ([173]-180).

Maculotriton n. sect. (of *Colubraria*, type *Triton bracteatus* Hinds). Dall, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (136).

Monastiolium n. sect. (of *Colubraria*, type *Triton swifti* Tryon). Dall, W. H. l.c. (136).

Paralagena n. nom. (= *Lagena* Mörch, not Walker, subgen. of *Argopecten*; type *Ranella vexillum* Lamarck). Dall, W. H. l.c. (132).

Phrygiomurex n. sect. (of *Colubraria*, type *Triton sculptilis* Reo). Dall, W. H. l.c. (137).

Tenuola n. sect. (of *Colubraria*, type *Triton decollatus* Sowerby). Dall, W. H. l.c. (137).

Tritoniscus n. sect. (of *Cymatium*, type *Triton loricatus* Petit). Dall, W. H. l.c. (134).

Tritonocauda n. sect. (of *Cymatium*, type *Murex caudatus* Gmelin + *Triton canaliferus* Lam.). Dall, W. H. l.c. (133).

Territriton n. sect. (of *Cymatium*, type *Triton gibbosus* Broderip). Dall, W. H. l.c. (133).

Valvata (*Cincinnati*) n. spp. Hannover. Menzel, H. Berlin, Jahrb. geol. Landesanst., 24, (1903), 1904, (285-289, Taf. XIV).

PELECYPODA.

2231.85 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

GENERAL.

Jukes-Browne, A. J. . . . Genera of the family *Mytilidae*. London, Proc. Malac. Soc., 6, 1905, (211-224).

SPECIAL.

Anoplophera ephippium n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (44-45, with pl.).

Avicula n. spp. Bären-Insel. Böhm, J. l.c. (25-26, with pl.).

Aviculopecten tenuistriatus n. sp. Bären-Insel. Böhm, J. l.c. (23, with pl.).

Radiotella excellens n. sp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (69-70, Taf. VI).

Rakevella ursina n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (34-35, with pl.).

Cardita lalemarensis n. sp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (96-97, pl. VI).

Cassianella rosenbuschi n. sp. Predazzo. Philipp, H. l.c. (87-88, pl. V).

Cassianella tectiformis n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (29, with pl.).

Cucullaea (Macrodon ?) cherieanus n. sp. Bären-Insel. Böhm, J. l.c. (39-40, with pl.).

Daonella lovénii n. sp. Bären-Insel. Böhm, J. l.c. (33-34, with pl.).

Dimyodon patera n. sp. Bären-Insel. Böhm, J. l.c. (18, with pl.).

Eumorphotis nn. spp. Bären-Insel. Böhm, J. l.c. (27-29, with pl.).

Gervilleia nn. spp. Bären-Insel. Böhm, J. l.c. (35-37, with pl.).

Gonodon modestus n. sp. Bären-Insel. Böhm, J. l.c. (49, with pl.).

Gryphaea nn. spp. Bären-Insel. Böhm, J. l.c. (16-17, with pl.).

Homomya forsbergi n. sp. Bären-Insel. Böhm, J. l.c. (49-50, with pl.).

Lima nn. spp. Bären-Insel. Böhm, J. l.c. (18-21, with pl.).

Macrodon nn. spp. Bären-Insel. Böhm, J. l.c. (39, with pl.).

Megalodon nn. spp. Bären-Insel. Böhm, J. l.c. (47-48, with pl.).

Myophoria nn. spp. Bären-Insel. Böhm, J. l.c. (41-43, with pl.).

Mysidioptera buchi n. sp. Bären-Insel. Böhm, J. l.c. (21, with pl.).

Nucula triangularis n. sp. Bären-Insel. Böhm, J. l.c. (41, with pl.).

Palaeoneilo nn. spp. Bären-Insel. Böhm, J. l.c. (40-41, with pl.).

Pecten nn. spp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (88-93, pl. VI).

————— (*Bittnerella*) *damesi* n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (22-23, with pl.).

Pholadomya franciscae n. sp. Bären-Insel. Böhm, J. l.c. (50, with pl.).

Pinna nn. spp. Bären-Insel. Böhm, J. l.c. (38, with pl.).

Pleurophorus nn. spp. Bären-Insel. Böhm, J. l.c. (45-47, with pl.).

Posidonomya ? plana n. sp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (94-95, pl. V).

Pseudocucullaea. Schmidt, F. von. l.c. Protok., (120-121).

Pseudomonotis bittneri n. sp. Predazzo. Philipp, H. l.c. Aufsätze, (93-94, pl. VI).

Pseudomonotis (Eumicrotis) spitzbergensis n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (27, with pl.).

Rhynchopterus perna n. sp. Bären-Insel. Böhm, J. l.c. (30, with pl.).

Trigonia margaritifera n. sp. Bären-Insel. Böhm, J. l.c. (43-44, with pl.).

2231.45 PALAEOZOIC.

Aviculipecten, typical species and generic characters. Girty, G. H. Amer. Geol., Minneapolis, Minn., 33, 1904, (291-296, with text fig.); 34, 1904, (332-333).

————— Hind, W. l.c. (200-201).

2231.50 LOWER PALAEOZOIC.

Actinopteria reticulata n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (245, pl. XXII, fig. 3).

Arca (Palaearca) turnbulli n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (496).

Ctenodonta nn. spp. U.K. Reed, F. R. C. l.c. (494-495).

————— *jerseyensis* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (164, pl. XI, fig. 17).

Cyrtodonta cancellata n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (496).

Edmondia ? deckerensis n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (241-242, pl. XXII, figs. 6-7).

Modiolopsis nn. spp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (498-500).

————— nn. spp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (170-171, pl. XI, figs. 8-9).

Mytilarca obliqua n. sp. Weller, S. l.c. (245, pl. XXII, fig. 8).

Orthodesma semiradiata n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (493).

Ptychopteria ? *subquadrata* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (193-194, pl. XIV, fig. 16).

Whitella inutilis n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (497).

———— *suborbicularis* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (168, pl. XI, fig. 2).

2131.55 UPPER PALAEOZOIC.

Acanthopecten n. subgen. (of *Aviculopecten* (or *Lima*?); type *Aviculopecten carboniferus* Stevens). Colorado. Girty, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., No. 16, 1903, (417).

Actinopteria sola n. sp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454, with map, text fig. and pl.).

Anthracosia ? *fritschi* n. sp. Schmidt, A. N. Jahrb. Min., Stuttgart, 1905, 1, (47-48, Taf. V, fig. 2).

Avicula bodana. Tokarenko, L. Kasaň, Trd. Obšč. jest., 37, 2, 1903, (15).

Aviculopecten janischevsky n. sp. Russland. Tokarenko, L. l.c. (15-16).

Buchiola nn. spp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454, with map, text fig. and pl.).

Cardiomorpha obliquata n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454, with map, text fig. and pl.).

Conocardium sp. Tokarenko, L. Kasaň, Trd. Obšč. jest., 37, 2, 1903, (17).

———— *gorwandense* n. sp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454, with map, text fig. and pl.).

Elasmatium n. gen., *E. gorwandense* n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454, with map, text fig. and pl.).

Honeoyea n. gen., *H. erinacea*, *H. major*, *H. styliophila*, *H. simplex*, *H. desmata* nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Kochia ungula n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Leptodomus nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Loxopteria nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Lunulicardium nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Megalodon crassus. Tokarenko, L. Kasaň, Trd. Obšč. jest., 37, 2, 1903, (16-17).

Megambonia parva n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (333, pl. XLIII, fig. 12).

Myalina sp. Tokarenko, L. Kasaň, Trd. Obšč. jest., 37, 2, 1903, (16).

Myophoria deltoidea. Tokarenko, L. l.c. (16).

Ontaria n. gen. (= *Cardiola* auct. aliq.; type *Ungulina suborbicularis* Hall), *O. pontiaca*, *O. accincta*, *O. affiliata*, *O. halli* nn. spp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454).

Onychocardium n. gen., *O. portlandicum* n. sp. New York: Devonian. Whitfield, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 21, 1905, (17-20); (18-20, pl. I, fig. 2).

Palaeonodonta nn. spp. Schmidt, A. N. Jahrb. Min., Stuttgart, 1905, 1, (52-56, Taf. V, figs. 6-10).

Palaeoneilo nn. spp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454).

Paracardium delicatulum n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Paraptys n. gen., *P. ontario* n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Posidonia marcellensis n. sp., *P. venusta* Münster var. *nitidula* n. var. New York. Clarke, J. M. l.c. (11. + [199]-454).

Praecardium nn. spp. New York. **Clarke, J. M.** l.c. (11. + [199]-454).

Pterochaenia n. gen., *P. fragilis* Hall var. *orbicularis* n. var., *P. sinuosa*, *P. perissa*, *P. elmensis*, *P. cashaquae*, *P. uchtensis* nn. spp. New York. **Clarke, J. M.** l.c. (11. + [199]-454).

Rhombopteria clathratus n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (291, pl. XXXI, figs. 16-18).

2231.60 MESOZOIC.

Anopaea nn. spp. Niederländisch-Indien. **Boehm, G.** Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg 1, (19-20, Taf. I).

Mytilus diepenheimi n. sp. Niederländisch-Indien. **Boehm, G.** l.c. (20, Taf. I).

Nucula taliabutica n. sp. Niederländisch-Indien. **Boehm, G.** l.c. (21, Taf. I).

2231.65 TRIASSIC.

Cussianella ecki n. sp. Deutschland. **Böhm, J.** Berlin, Zs. D. geol. Ges., **56**, 1904, briefl. Mitt., (95-96).

Gervillia spinosa n. sp. **Linstow, O.** von. l.c. Aufsätze, (102-103, with figs.).

Mytilus eduliformis sp. **Benecke, E. W.** Centralbl. Min., Stuttgart, **1905**, (705-714).

Pinna ecki n. sp. **Picard, E.** Berlin, Jahrb. geol. Landesanst., **24**, 1904, (333-336).

2231.70 JURASSIC.

Alectryonia. Somaliland. **Dacqué, E.** Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1905, (134-135, Taf. XV, figs. 7, 21).

———— *hastellata*. Asia Minor. **Krumbeck, L.** l.c. **18**, 1905, (107-108, Taf. IV).

Anatina. Asia Minor. **Krumbeck, L.** l.c. (123-124, Taf. VI).

Anomia. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

Astarte. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (115-116, Taf. V).

———— nn. formm. Deutsch-Lothringen und Luxemburg. **Benecke, E. W.** Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (217, 223).

Aucella. **Vetters, H.** Wien, Beitr. Geol. Pal. ÖstUng., **17**, 1905, (249-250).

Avicula mulatae n. sp. Somaliland. **Dacqué, E.** l.c. (131-132, Taf. XV).

Cardium spp. Asia Minor. **Krumbeck, L.** l.c. **18**, 1905, (119-121, Taf. V).

Ceromya augusticostata n. sp. Asia Minor. **Krumbeck, L.** l.c. (121-122, Taf. VI).

———— *excentrica*. Somaliland. **Dacqué, E.** l.c. **17**, 1905, (139-140).

Corbis strambergensis. **Vetters, H.** l.c. (247).

Ctenostreon. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

Cucullaea. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (114).

Diceras im südlichen Hannover. **Menzel, H.** Berlin, Zs. D. geol. Ges., **56**, 1904, Protokolle, (10-14).

Exogyra bruntrutana. Somaliland. **Dacqué, E.** Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1905, (135-136, Taf. XV, fig. 18).

Gervilleia? ferruginea n. sp. Deutsch-Lothringen und Luxemburg. **Benecke, E. W.** Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (142).

Isocardia eljasensis n. sp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (117-118, Taf. V).

Leda medusa n. sp. Russland. **Borisiak, A. A.** St. Petersburg, Mém. Com. géolog., (N. Sér.), **11**, 1904, (1-28); rés. allem. (29-40, avec 3 pl.).

Lima. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

———— nn. spp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (97-101, Taf. III).

Lima (*Plagiostoma*) *ferruginea* n. sp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. 6, 1905, (122).

———— *harmonis* n. sp. Somaliland. **Daqué**, E. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (133-134, Taf. XV, figs. 13, 14).

Limaea. Mähren. **Roschak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

Lithodomus nn. spp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (112-113, Taf. IV).

Macrodon rufae n. sp. Somaliland. **Daqué**, E. l.c. 17, 1905, (137-138, Taf. XV, figs. 4-6).

Modiola. Mähren. **Roschak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

———— *amphitrite* n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (110-111, Taf. IV).

———— *koehi* u. form. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. 6, 1905, (167).

———— *subangustissima* n. sp. Somaliland. **Daqué**, E. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (136-137, Taf. XV, fig. 8).

Myophoria. Asia Minor. **Krumbeck**, L. l.c. 18, 1905, (114).

Mytilus alatus n. sp. Asia Minor. **Krumbeck**, L. l.c. 18, 1905, (108-109, Taf. IV).

———— *subpectinatus*. Somaliland. **Daqué**, E. l.c. 17, 1905, (136, Taf. XV, fig. 27).

Nucula nn. spp. Russland. **Borisiak**, A. A. St. Petersburg, Mém. Com. géolog., (N. sér.), 11, 1904, (1-28 + rés. allem. 29-49, avec 3 pls.).

———— spp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (113-114).

Ostrea nn. spp. Asia Minor. **Krumbeck**, L. l.c. (105-107, Taf. V).

———— *bristovi* n. sp. (ex Etheridge MS.) U.K. **Richardson**, L. London, Q. J. Geol. Soc., 61, 1905, (422).

Ozytoma. Mähren. **Roschak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

Pachyerisma blanchenhorni n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (116-117, Taf. V).

Palaeonilo nn. spp. Russland. **Borisiak**, A. A. St. Petersburg, Mém. Com. géolog. (N. sér.), 11, 1904, (1-28 + rés. allem. 29-49, avec 3 pls.).

Pecten nn. spp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (102-105, Taf. III and IV).

———— **Vetters**, H. l.c. 17, 1905, (250-252).

———— *erlangeri* n. sp. Somaliland. **Daqué**, E. l.c. (132-133, Taf. XV, figs. 12-20).

———— *pseudopriacus* n. sp. Mähren. **Roschak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

Phaenodesmia nn. spp. Russland. **Borisiak**, A. A. St. Petersburg, Mém. Com. géolog. (N. sér.), 11, 1904, (1-28); rés. allem. (29-70, avec 3 pl.).

Pholadomya. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (123, Taf. VI).

———— Mähren. **Roschak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

———— *protei*. Somaliland. **Daqué**, E. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (140-141, Taf. XV, figs. 1-3).

Pinna. Mähren. **Roschak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

Plagiostoma. Mähren. **Roschak**, A. l.c. (89-154, mit 1 Taf.).

Pleuromya. Mähren. **Roschak**, A. l.c. (89-154, mit 1 Taf.).

Pleurotomaria. Mähren. **Roschak**, A. l.c. (89-154, mit 1 Taf.).

Plicatula. Mähren. **Roschak**, A. l.c. (89-154, mit 1 Taf.).

Pronocella nn. spp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. Geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. 6, 1905, (236, 245).

Tancredia incurva n. sp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. *l.c.* (251).

Trichites suprajurensis n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (96-97, Taf. III).

Trigonia nn. formm. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. Geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (189-191).

———— *arcu-furcata* n. sp. Oesterreich. **Vetters**, H. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1905, (248-249, Taf. XXII).

———— *libanensis* n. sp. Asia Minor. **Krumbeck**, L. *l.c.* **18**, 1905, (114-115, Taf. II.).

Unicardium subglobosum n. sp. Asia Minor. **Krumbeck**, L. *l.c.* (118-119, Taf. V).

2231.75 CRETACEOUS.

Arca geinitzi Reuss. **Favre**, I. Charíkov. Trd. Obšč. ispyt. prir., **38**, 2, 1903, (133-134).

———— *madridensis* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Aucella strongi n. sp. New Mexico. **Johnson**, D. W. *l.c.* (173-246, with pl.).

Avicula pectinoides Reuss. **Favre**, I. Charíkov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (127).

Cardium. **Favre**, I. *l.c.* (135-137).

Corbula nematophora var. *fitchi* n. var. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Cucullea gabrielis. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (15, Taf. II, fig. 12).

Cyprimeria ? *sulcata* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Cyprina. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (16-17, Taf. II, fig. 9).

Cyrena un. spp. Rikuzen. **Yokoyama**, M. Tokyo, J. Coll. Sci., **18**, Art. 6, 1904, (10-11, pls. I-II, figs. 4, 9).

Desertella n. gen., *D. foureaui* n. sp. **Haug**, E. Paris, C.-R. Acad. Sci., **138**, 1904, (1529-1531).

Endocostea brooksi n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Exogyra couloni. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (14, Taf. II, fig. 6-8).

———— *lateralis* Nils. **Favre**, I. Charíkov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (110-111, Taf. II).

Gervillia sublancoolata (d'Orb.,—*Avicula*, 1850). **Woods**, H. London, Monogr. Palaeont. Soc., **59**, 1905, (74).

———— *trigona* n. sp. Rikuzen. **Yokoyama**, M. Tokyo, J. Coll. sci., **18**, Art. 6, 1904, (12, pl. II, fig. 7-8).

Granocardium productum Sow. **Favre**, I. Charíkov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (134-135).

Gryphea vesicularis Lam. **Favre**, I. *l.c.* (109-110, Taf. I).

Inoceramus. **Favre**, I. *l.c.* (128-131, Tafs. I-III).

———— nn.spp. Böhmen. **Flegel**, K. Breslau, Jahresber. Ges. vaterl. Cultur, **82**, (1904), 1905, natw. Sect., (114-144).

———— *irregularis* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Janira quinquecostata Sow. **Favre**, I. Charíkov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (121).

Leda producta Nils. **Favre**, I. *l.c.* (132-133).

Lima. **Favre**, I. *l.c.* (122-125, Taf. I).

———— *costicillata* n. sp. Böhmen. **Petrascheck**, W. Wien, Jahrb. Geol. RchsAnst., **55**, 1905, (433-434, Taf. X, figs. 10-12).

Ostrea. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (13-14, Taf. II, fig. 4).

———— **Favre**, I. Charíkov. Trd. Obšč. ispyt. prir., **38**, 2, (111-115, Taf. II.).

Ostrea anomioidea var. *nana* n. var. New Mexico. **Johnson, D. W.** Sch. Mines Q., New York, N.Y., **24**, 1903, 173-246, with pl.

Pecten. **Favre, I.** Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, 115-121, Taf. 1-II).

———— *kalkovskiyi* n. sp., Böhmen. **Petrascheck, W.** Wien, Jahrb. Geol. Reichsanst., **55**, 1905, 431-432, Taf. X, figs. 1-4.

Perna lanceolata Geinitz. **Favre, I.** Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, 128).

———— *rikuzenica* n. sp. Rikuzen. **Yokoyama, M.** Tokyo, J. Coll. Sci., **18**, Art. 6, 1904, 13, pl. 1, fig. 1.

Pholadomya pieteti. **Dacqué, E.** Wien, Beitr. Pal. Geol. OstUng., **17**, 1904, 17, Taf. II, figs. 10-11).

Placunopsis iskodouboukiana. **Dacqué, E.** l.c. (13).

Pteria nn. spp. U. K., *P. (Oxytoma) cornueliana* (d'Orb.,—*Aricula*, 1846); *P. (Oxytoma) pectinata* (Sow.,—*Aricula*, 1836); *P. (Oxytoma) dubia* (Eth.,—*Aricula*, 1881); *P. (Oxytoma) tenuicostata* (Rom.,—*Aricula*, 1841); *P. (Pseudoptera) sublepressa* (d'Orb.,—*Aricula*, 1850); *P. (Pseudoptera) carulescens* (Nilss.,—*Aricula*, 1827). **Woods, H.** London, Monogr. Palaeont. Soc., **59**, 1905, 57-67).

Spondylus spinosus Deshayes. **Favre, I.** Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, 126-127, Taf. I.

Trigonia pieteti. **Dacqué, E.** Wien, Beitr. Pal. Geol. OstUng., **17**, 1904, 15-16, Taf. II, figs. 1-2).

———— *costata* Lycett. Rikuzen. **Yokoyama, M.** Tokyo, J. Coll. Sci., **18**, Art. 6, 1904, 8-9, pl. II, figs. 2-4).

———— *hozourensis*. Rikuzen. **Yokoyama, M.** l.c. 11, pl. I, fig. 3).

Venus. **Favre, I.** Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, 137-139).

Yola neumanni n. sp. **Dacqué, E.** Wien, Beitr. Pal. Geol. OstUng., **17**, 1904, 12-13, Taf. III, fig. 1).

2231.80 CAENOZOIC.

Williamson, Mrs. M. Burton. Review of the classification of the Cyrenacea. **William H. Dall.** Nautilus, Boston, Mass., **17**, 1903, (47-48).

2231.85 LOWER CAENOZOIC (Eocene, Oligocene).

Anisocardia mayeri n. sp. Aegypten. **Oppenheim, P.** Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (164).

Area nn. spp. Aegypten. **Oppenheim, P.** l.c. (86-92).

———— *blanfordi* n. sp. **Newton, R. B.** Geol. Mag., London, (Ser. 2), **2**, 1905, (298).

Cardita nn. spp. Aegypten. **Oppenheim, P.** Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (99-111).

Cardium (Loxocardium) desertorum n. sp. Aegypten. **Oppenheim, P.** l.c. (156-157).

———— *mcdrilli* n. sp. **Newton, R. B.** Geol. Mag., London, (Ser. 2), **2**, 1905, (299).

Chama nn. spp. Aegypten. **Oppenheim, P.** Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (118-119).

———— *memroensis* n. sp. **Albama, Aldrich, T. H.** Nautilus, Philadelphia, Pa., **16**, 1903, 97-101).

Crassatella nn. spp. Aegypten. **Oppenheim, P.** Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (112-116).

Cucullaea dimchensis n. sp. Aegypten. **Oppenheim, P.** l.c. (85).

Cyprina aegyptiaca n. sp. Aegypten. **Oppenheim, P.** l.c. 161-162).

Cyrena (Corbicula) blanchenhorni n. sp. Aegypten. **Oppenheim, P.** l.c. 160).

Gryphaea gregoryi n. sp. **Newton, R. B.** London, Q. J. Geol. Soc., **6**, 1905, 167).

———— *pharaonum* n. sp. Aegypten. **Oppenheim, P.** Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (13).

Isocardia ? rorax n. sp. Aegypten. **Oppenheim, P.** l.c. (162-163).

Lima nn. spp. Aegypten. **Oppenheim, P.** l.c. (57-59).

Limopsis thebaica n. sp. Aegypten. **Oppenheim**, P. l.c. (95).

Lithodomus nn. spp. Aegypten. **Oppenheim**, P. l.c. (78-80).

Lucina nn. spp. Aegypten. **Oppenheim**, P. l.c. (170-171, pl. XI, figs. 8-9).

Mactra mekrancensis n. sp. **Newton**, R. B. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (298).

Modiolaria fraasi n. sp. Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (80-81).

Mytilus nn. spp. Aegypten. **Oppenheim**, P. l.c. (77-78).

Nucula moerilis n. sp. Aegypten. **Oppenheim**, P. l.c. (82-83).

Ostrea nn. spp. Aegypten. **Oppenheim**, P. l.c. (16-45).

Panopaea sahariensis n. sp. Sahara. **Newton**, R. B. Ann. Mag. Nat. Hist., London, (Ser. 7), 15, 1905, (88).

Pecten nn. spp. Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (52-55).

————— (*Pseudamusium*) *subminutus* n. sp. Mississippi. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., 16, 1903, (79-101).

Pectunculus nn. spp. Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (94-95).

Plicatula nn. spp. Aegypten. **Oppenheim**, P. l.c. (61-62).

Spondylus nn. spp. Aegypten. **Oppenheim**, P. l.c. (66-67).

————— *somaliensis* n. sp. **Newton**, R. B. London, Q. J. Geol. Soc., 61, 1905, (169).

Tellina krausei McCoy = *Semele krauseana* Tate. **Chapman**, F. Vict. Nat., Melbourne, 21, 1905, (180).

Verticordia nn. spp. Mississippi and Alabama. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., 16, 1903, (97-101, with pl.).

Vulsella nn. spp. Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (70-76).

Vulsella nigeriensis n. sp. Nigeria. **Newton**, R. B. Ann. Mag. Nat. Hist., London, (Ser. 7), 15, 1905, (85).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Amussium papakurencense n. sp. New Zealand. **Clarke**, E. Wellington, Trans. N. Zeal. Inst., 37, 1905, (118, pl. XXXII, fig. 4).

Cardita. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Cardium. **Andrusov**, N. Mater. geol. Ross., St. Peterburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

————— Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Congeria. **Andrusov**, N. Mater. geol. Ross., St. Peterburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Corbula. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Cryptodon. **Andrusov**, N. Mater. geol. Ross., St. Peterburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Cryptomactra. **Andrusov**, N. l.c. (255-381, mit 7 Taf. u. 1 Karte).

Cytherca. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Dreissensia. **Andrusov**, N. Mater. geol. Ross., St. Peterburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Ercilia. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Leda prendeli n. sp. Russia. **Andrusov**, N. Mater. geol. Ross., St. Peterburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Pecten. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

————— *aduncus* Eichw.? *P. cristatus* Bronn; *P. cristatus* var. *mediterraneus* n. var.; *P. felderi* Karrer; *P.*

cf. sarmenticus Goldf.; *P. sp.* **Gall**, I. Foldt. Kozl., Budapest, **35**, 1905, (301, 306-307).

Pecten hills n. sp. N Zealand. **Hutton**, F. W. Wellington, Trans. N. Zeal. Inst., **37**, 1905, (473).

—— *latissimus* Brocc observations géologiques nouvelles faites en Galicie et Pologne. **Zuber**, R. (Polish) Kosmos, Lwow, **29**, 1904, (419-420).

Pseudamussium (Pecten) huttoni n. sp. N. Zealand. **Park**, J. Wellington, Trans. N. Zeal. Inst., **37**, 1905, (485).

Venus. (Galizien. **Friedberg**, W. S. v. Wien, Sitzber. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

2231.95 PLEISTOCENE AND RECENT.

Crasutellides brasiliensis n. sp. **Dall**, W. H. Nautilus, Philadelphia, Pa., **16**, 1903, (101-102).

Tellina (Macoma). **Jensen**, A. S. (Danish) Kjöbenhavn, Nath. Medd., **1905**, (21-51, with 1 pl., 149-152).

AMPHINEURA.

2231.86 LOWER CAENOZOIC.

Cryptoplax nn. spp. Victoria. **Hall**, T. S. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1905, (391-392).

SCAPHOPODA.

Dentalium boreale n. sp. Bären-Insel. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (53-54, with pl.).

—— *huttoni* n. sp. N. Zealand. **Bather**, F. A. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (540).

2231.65 TRIASSIC.

Dentalium cyrtoceroideus n. sp. **Eoad**, A. Centralbl. Min., Stuttgart, **1905**, (176).

2231.75 CRETACEOUS.

Dentalium medium. Sow. **Favre**, I. Charlkov. Trd. Obšč. ispyt. prir., **38**, 2, 1903, (144).

ARTHROPODA INCLUDING INSECTA.

2431.55 UPPER PALAEOZOIC.

Ectoblattina steinmanni n. sp. Deutschland. **Sternel**, [J. F.] Chemnitz, Ber. natw. Ges., **15**, (1899-1903), 1904, (LXIX-LXXII).

—— *pygmaea* n. sp. Preussien. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (454-457, mit 1 Taf.).

Homoptera gigantea n. sp. **Agassiz**, A. Paris, Bul. Soc. ent., **1902**, (259-261, av. fig.).

2431.65 TRIASSIC.

Glaphyroptera lotharingea n. sp. Lorraine. **Fliche**, P. Nancy, Bull. Soc. Sci., (sér. 3), **4**, 1903, (116-119).

2431.70 JURASSIC.

Ammonella n. gen., *A. quadrata* n. sp. Germany. **Walther**, J. Jena, Denkschr. med. Ges., **11**, 1904, (163).

Campterothlebia n. gen., *C. elegans* n. sp. Braunschweig. **Bode**, A. Berlin, Jahrb. geol. Landesanst., **25**, (1904), 1905, (226-229, Taf. VII).

Elcana geinutzii Heer, var. *aerea* n. var. Braunschweig. **Bode**, A. l.c. (222-223, Taf. VI).

Gryllaeria nn. spp. Braunschweig. **Bode**, A. l.c. (223-226, Taf. VI).

Heterophlebia nn. spp. Braunschweig. **Bode**, A. l.c. (229-236, Taf. VII).

Kalligramma n. gen., *K. haeckeli* n. sp. Germany. **Walther**, J. Jena, Denkschr. med. Ges., **11**, 1904, (184-189).

Orthophlebia (Phryganidium) nn. spp. Braunschweig. **Bode**, A. Berlin, Jahrb. geol. Landesanst., **25**, (1904), 1905, (242-244, Taf. VI).

Phryganidium nn. spp. Braunschweig. **Bode**, A. l.c. (241-242, 244-245, Taf. VI).

2431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Diplonema crassicornis n. sp. Ambre de la Baltique; *D. longicornis* Loew. (Meun.), description. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **3**, 1905, (251-252).

Dorcaschema succineum n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, **1905**, (232-245).

Eatonisca tertiaria n. sp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **3**, 1905, (253-254).

Nothorrhina granulicollis n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf., Freunde, **1905**, (232-245).

Palaeoascia uniappendiculata n. sp. Deutschland. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (201-210).

Palaeosphegina elegantula n. sp. Deutschland. **Meunier**, F. l.c. (201-210).

Pericoma nn. spp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **3**, 1905, (243-245).

Phlebotomus tipuliformis n. sp. Ambre de la Baltique. **Meunier**, F. l.c. (254).

Plecia borussica n. sp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (391-404).

Pogonochaerus jaekeli n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, **1905**, (232-245).

Psychoda eocenica n. sp. Ambre de la Baltique; *P. oxyptera* Loew. (Meun.), description. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **3**, 1905, (245-246).

Rhyphus nn. spp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (391-404).

Scatopse nn. spp. Bernstein. **Meunier**, F. l.c. (391-404).

Simulia nn. spp. Bernstein. **Meunier**, F. l.c. (391-404).

Spheginascia biappendiculata n. sp. Deutschland. **Meunier**, F. l.c. (201-210).

Strangalia berendtiana n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, **1905**, (232-245).

Sycorax nn. spp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **3**, 1905, (252-253).

Syrphus curtipetiolatus n. sp. Deutschland. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (201-210).

Trichomyia nn. spp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **3**, 1905, (246-251).

Xylota pulchra n. sp. Deutschland. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (201-210).

2431.95 PLEISTOCENE AND RECENT.

Aphodius succini n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, **1905**, (197-205, 222).

Carabus, degré d'évolution à l'époque du pléistocène moyen. **Lapouge**, G. de. Rennes, Bul. soc. sci. méd., **11**, 1902, (548-564).

Gyrinus sculpturatus n. sp. Schweden. **Mjöberg**, E. Stockholm, Geol. För. Förh., **27**, 1905, (233-236, with pl.).

Olophrum interglaciale n. sp. **Mjöberg**, E. l.c. **26**, 1904, (493-497, with pl.).

Platycerus berendti n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, **1905**, (197-205, 222).

2631 CRUSTACEA.

2631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Beyrichia argentina n. sp. Argentinien. **Thomas**, I. Berlin, Zs. D. geol. Ges., **57**, 1905, Aufsätze, (250, pl. XI).

2631.50 LOWER PALAEOZOIC.

Aparchites ? nn. spp. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-1903, [1905], (45-46, with pl.).

Beyrichia nn. spp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (253-267, pl. XXIII).

Beyrichona nn. spp. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-1903, [1905], (46-47, with pl.).

Bradoria nn. spp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (99-102).

Bradorona nitida n. sp. Wiman, C. Upsala, Bull. Geol. Inst., 6, 1902-1903, [1905], (48, with pl.).

Bythocypris nearpassi n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (257, pl. XXIII).

Eurychilina nn. spp. Weller, S. l.c. (210, pl. XIII).

Hipponicharion matthewi n. sp. Wiman, C. Upsala, Bull. Geol. Inst., 6, 1902-1903, [1905], (49, with pl.).

Indiana? minima n. sp. Wiman, C. l.c. [1905], (48-49, with pl.).

Lepeditella ornata n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (209, pl. XIII).

Lepeditia nn. spp. Weller, S. l.c. (208, 252-265, pls. XII, XXIII).

Sellula fallax n. sp. Wiman, C. Upsala, Bull. Geol. Inst., 6, 1902-1903, [1905], (48, with pl.).

2631.55 UPPER PALAEOZOIC.

GENERAL.

Jones, T. Rupert. Some Paleozoic Ostracods from Maryland. Baltimore, Md., Johns Hopkins Univ. Cir. (N. Ser.), No. 3, 1905, (30-33, with text fig.).

SPECIAL.

Anthrhopalaemon serratus n. sp. U.K. Woodward, H. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (438).

Cyclus johnsoni from the Coal Measures near Dudley Woodward, H. l.c. (490-492, with figs.).

Primitia frosburgensis n. sp. Maryland, Permian. Jones, T. R. Baltimore, Md., Johns Hopkins Univ. Cir., (N. Ser.), No. 3, 1905, (30-33, with text fig.).

2631.65 TRIASSIC.

Etheriella radiata (Salinas) var. *multilineata* n. var. Jones, T. R. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (51).

2631.70 JURASSIC.

Ergon Peiser, G. Beitrag zur Kenntniss . . . der Gattung . . . Diss. Erlangen, 1904, (58, mit 1 Taf.).

2631.75 CRETACEOUS.

Calanassa unciifer n. sp. Harbort, E. Berlin, Jahrb. geol. Landesanst., 24, 1905, (26-42, mit 1 Taf.).

2631.80 CAENOZOIC.

GENERAL.

Lienenklaus, E. Die Ostrakoden des Mainzer Tertiärbockens. Frankfurt a. M., Ber. Senckenb. Ges., 1905, TI. 2, (3-74, mit 4 Taf.).

SPECIAL.

Bairdia tenuis n. sp. Lienenklaus, E. Frankfurt a. M., Ber. Senckenb. Ges., 1905, TI. 2, (30, Taf. II).

Caedona nn. spp. Lienenklaus, E. l.c. (21-24, Taf. 7).

Cuneocythere punctulata n. sp. Lienenklaus, E. l.c. (48-49, Taf. IV).

Cyclocypris similis n. sp. Lienenklaus, E. l.c. (18-19, Taf. I).

Cypria curvata n. sp. Lienenklaus, E. l.c. (19-20, Taf. I).

Cypridopsis kinkelini n. sp. Lienenklaus, E. l.c. (27, Taf. II).

Cypria nn. spp. Lienenklaus, E. l.c. (24-27, Taf. I and II).

Cythereis ramosa n. sp. Lienenklaus, E. l.c. (32-33, Taf. III).

Cytheridea nn. spp. Lienenklaus, E. l.c. (39-47, Taf. III-IV).

Cytheropteron punctulatum n. sp. Lienenklaus, E. l.c. (56-57, Taf. IV).

Cytherura sulcata n. sp. Lienenklaus, E. l.c. (55, Taf. IV).

Eucytherura dentata n. sp. Lienenklaus, E. l.c. (57, Taf. IV).

Iliocypris nn. spp. Lienenklaus, E. l.c. (28-29, Taf. II-III).

Limnocythere zinnendorfi n. sp. Lienenklaus, E. l.c. (58, Taf. IV).

Loxoconcha nn. spp. Lienenklaus, E. l.c. (52-53, Taf. IV).

Pontocypris nn. spp. Lienenklaus, E. l.c. (16-17, Taf. I).

Xestoleberis rhenana n. sp. Lienenklaus, E. l.c. (53-54, Taf. IV).

2631.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Neptunus arabicus n. sp. **Woodward**,
H. Geol. Mag., London, (ser. 2), [5], **2**,
1905, (307).

Ommatocarcinus corioensis, descrip-
tion. **Hall**, T. S. Melbourne, Proc. R.
Soc. Vict., (N. Ser.), **17**, 1905, (356-360,
with 1 pl.).

2631.90 UPPER CAENOZOIC
PLEISTOCENE AND RECENT.

GENERAL.

Cushman, J. A. Miocene barnacles
from Gay Head, Mass., with notes on
Balanus proteus Conrad. Amer. Geol.
Minneapolis, Minn., **34**, 1904, ([293]-
296, with text fig.).

Łomnicki, J. L. M. Compte rendu
des recherches entreprises sur l'exten-
sion de l'houille brune dans certains
endroits de Pokucie en Galicie. (Polish)
Kosmos, Lwów, **29**, 1904, (374-391).

Sieber, Fossile Süßwasser-Ostrako-
den aus Württemberg. Stuttgart, Jahres-
hefte Ver. Natk., **61**, 1905, (321-346,
mit 2 Taf.).

SPECIAL.

Cushman, J. A. *Balanus proteus*
from Massachusetts. Amer. Geol.,
Minneapolis, Minn., **34**, 1904, ([293]-
296, with text fig.).

Candona steinheimensis n. sp. Würt-
temberg. **Sieber**. Stuttgart, Jahres-
hefte Ver. Natk., **61**, 1905, (327-329,
Taf. VIII).

Candonopsis arida n. sp. Württem-
berg. **Sieber**. l.c. (332-333, Taf. VIII).

Cyclocypris nitida n. sp. Württem-
berg. **Sieber**. l.c. (333-334).

Cypria suborbicularis n. sp. Würt-
temberg. **Sieber**. l.c. (334-335, Taf.
VIII).

Cypridopsis gracilis n. sp. Württem-
berg. **Sieber**, l.c. (339-340, Taf. IX).

Cypria nn. spp. Württemberg. **Sieber**.
l.c. (335-338, Taf. VIII and IX).

Iliocypris binocularis n. sp. Würt-
temberg. **Sieber**. l.c. (341-342, Taf.
IX).

Limnocythere esphigmena n. sp.
Württemberg. **Sieber**. l.c. (343-345,
Taf. IX).

2631.95 PLEISTOCENE AND
RECENT.

Sieber. Fossile Süßwasser-Ostra-
koden aus Württemberg. Stuttgart,
Jahreshefte Ver. Natk., **61**, 1905, (321-
346, mit 2 Taf.).

2831 XIPHOSURA, EURIPTE-
RIDA, TRILOBITA.

Nileus. **Schmidt**, Fr. St. Petersburg,
Mém. Ac. Sc., (Sér. 8), **14**, 1904, (63-
68).

2831.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.

GENERAL.

Agnus. *Palaeoblattina douvillei*, con-
sidérée d'abord comme un insecte, est
une pointe génale de trilobite. Paris,
C.-R. Acad. sci., **138**, 1904, (398).

Moberg, J. C. Contributions to a
knowledge of the structure of the Trilo-
bites. (Swedish) Stockholm, Geol. För.
Förh., **24**, 1902, (295-302, pl. 3).

Perner, J. Ueber das Sehorgan am
Hypostomum der Trilobiten. (Čechisch)
Vesmír, Prag, **33**, 1904, (64-65).

Reed, F. R. C. The classification of
the *Phacopidae*. Geol. Mag., London,
(Ser. 2), [5], **2**, 1905, (172-178; 224-
228).

SPECIAL.

Homalonotus kayseri n. sp. Argen-
tinien. **Thomas**, I. Berlin, Zs. D. geol.
Ges., **57**, 1905, Aufsätze, (245-246, Taf.
IX).

Phacops argentinus n. sp. Argen-
tinien. **Thomas**, I. l.c. (246-247, Taf.
XI).

2831.50 LOWER PALAEOZOIC.

GENERAL.

Grönwall, K. A. On the Scandinavian
Paradoxides-beds. (Swedish) Stock-

holm, Geol. För. Förh., 24, 1902, (309-345, with pl.).

Woodward, Henry. On a collection of Trilobites from the Upper Cambrian of Shantung, North China. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (211-215; 251-255, with pl. and figs.).

SPECIAL.

Acidaspis (*Ceratocephala*) nn. spp. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (99).

Agnostus kusanensis n. sp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (22).

Agraulos nn. spp. China, Cambrian. Walcott, C. D. l.c. (42-47).

Ampyx brevicauda n. sp. Wiman, C. Ark. Zool., Stockholm, 2, No. 11, 1905, (12, with pl.).

Anomocare nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (47-54).

——— *parvula* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (120, pl. III).

Anomocarella n. gen., type *A. chinensis* n. sp., *A. albion*, *A. baucis*, *A. ? bura*, *A. carme*, *A. chinensis* nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (54-58).

Apatcephalus pecten n. sp. Wiman, C. Ark. Zool., Stockholm, 2, No. 11, 1905, (6-7, with pl.).

Arges tuberculatus n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (199, pl. XV).

Arionellus nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (58-59).

——— *balticus* n. sp. Baltic Region. Wiman, C. Upsala, Bull. Geol. Inst., 6, 1902-3, [1905], (44, with pl.).

Boeckia mobergi n. sp. Wiman, C. l.c. (83-82).

Bumastus nn. spp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (195, pl. XIV).

Crepiscephalus damia n. sp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (92-93).

Cyphaspis trentonensis n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (197, pl. XV).

Dalmanites aspinosa n. sp. Weller, S. l.c. (252, pl. XXII).

Damesella n. gen., type *D. blackderi* n. sp., *D. bellagranulata*, *D. brevicaudata*, *D. chione* nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (34-42).

Dikelocephalus nn. spp. China, Cambrian. Walcott, C. D. l.c. (92).

——— *newtonensis* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (121, pl. III).

Dolichometopus nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (94-96).

Dorypyge bispinosa n. sp. China, Cambrian. Walcott, C. D. l.c. (28).

Dorypygella n. gen., type *D. typica* n. sp., *D. alastor*, *D. alcon* nn. spp. China, Cambrian. Walcott, C. D. (23-34).

Ellipsocephalus latus n. sp. Wiman, C. Upsala, Bull. Geol. Inst., 6, 1902-3, [1905], (44-45, with pl.).

Illacnurus nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (96-98).

——— *columbiana* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (133, pl. V).

Megalaspides nericiensis n. sp. Wiman, C. Ark. Zool., Stockholm, No. 11, 1905, (8-10, with pl.).

Menocephalus nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (59-63).

Microdiscus orientalis n. sp. China, Cambrian. Walcott, C. D. l.c. (24).

Nileus armadillo Dalm. **Wiman**, C. Stockholm, Geol. För. Förh., **26**, 1904, (87-90, with pl.).

——— *vigilans*. **Finch**, G. E. Found at Elgin, Iowa. Des Moines, Proc. Iowa Acad. Sci., **11** (1903), 1904, (179-181, with pl.).

Ogygia. **Schmidt**, Fr. St. Peterburg. Mém. Ac. Sc., (sér. 8), **14**, 1904, (57-63).

Olenoides ? cilix n. sp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (27).

Pagodia n. gen., type *P. lotos*, *P. bia*, *P. dolon*, *P. lotos*, *P. macedo* nn. spp. China, Cambrian. **Walcott**, C. D. l.c. (63-67).

Paradoxides jemtlandicus n. sp. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-02, [1905], (79-80, with pl.).

Proetus nn. spp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (195-197, 249-250, pls. XIV, XV, XXII).

Pseudasaphus n. subgen. (*Ptychopyge*). **Schmidt**, Fr. St. Peterburg, Mém. Ac. Sc., (Sér. 8), **14**, No. 10, 1904, (4-6, 11-12).

Pterocephalus nn. spp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (67-68).

Pterygotus osiliensis, chitin in the carapace. **Rosenheim**, O. London, Proc. R. Soc., **B 76**, 1905, (398-400).

Ptychaspis nn. spp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (69-74).

Ptychoparia nn. spp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (116, 117, pls. I, III).

——— nn. spp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (75-86).

Ptychopyge nn. spp. Ostbalt. Gebiet. **Schmidt**, Fr. St. Peterburg, Mém. Ac. Sc., (Sér. 8), **14**, No. 10, 1904, (23-57).

——— *jerseyensis* n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, (K-11720)

N.J., Rep. Paleont., **3**, 1903, (193, pl. XIV).

Redlichia nn. spp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (25-26).

Robergia n. gen. for *Remopleurides microphthalmus* Lns. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (77-79).

Schmalensecia n. gen., *S. ambionura* n. sp. **Moberg**, J. C. Stockholm, Geol. För. Förh., **25**, 1903, (93-102, pl. 4).

Shangtungia n. gen., type *S. spinifera* n. sp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (87-88).

Shumardia bottnica n. sp. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (65, with pl.).

——— *nericiensis* n. sp. **Wiman**, C. Ark. Zool., Stockholm, **2**, No. 11, 1905, (14-15, with pl.).

Solenopleura nn. spp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (88-91).

Stylonurus simonsoni n. sp. **Schmidt**, Fr. St. Peterburg, Bull. Ac. Sc., (sér. 5), **20**, 1904, (99-105, mit 1 Taf.).

Triarthrus jemtlandicus Lns. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (77-79).

2831.55 UPPER PALAEOZOIC.

GENERAL.

Woodward, H. Trilobites from the Devonian of Cant Hill, St. Minver, Cornwall. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (151-154, with pl.).

SPECIAL.

Dalmanites drevermanni n. sp. Argentinien. **Thomas**, I. Berlin, Zs. D. geol. Ges., **57**, 1905, Aufsätze, (247-249, Taf. XI).

Phacops. **Tokarenko**, L. Kazan', Trd. Obšč. jest., **37**, 2, 1903, (36-37).

3431 MYRIOPODA.

3431.55 UPPER PALAEOZOIC.

Xylobius moniliformis n. sp. U.K. Woodward, H. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (442).

5231 VERTEBRATA.

5231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Jaekel, O. Ueber die primäre Gliederung des Unterkiefera. Berlin, SitzBer. natf. Freunde, 1905, (134-147).

Matthew, W. D. The collection of fossil vertebrates. A guide leaflet [No. 12] to the exhibition halls of vertebrate palaeontology in the American Museum of natural history. Amer. Mus. J., New York, N.Y., 3, (Supplement), 1903, (32, with illus.).

5431 PISCES.

Otolithus nn. spp. Ungarn. Schubert, R. J. Wien, Jahrb. Geol. RchsAnst., 55, 1905, (613-638, mit 2 Taf.).

Otolithus nn. spp. Ungarn. Schubert, R. J. l.c. (613-638, mit 2 Taf.).

5431.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Eastman, C. R. Jordan on fossil Labroid and Chaetodont fishes. Science, New York, N.Y., (N. Ser.), 20, 1904, (244-245).

5431.50 LOWER PALAEOZOIC.

Cephalaspis, scales. Eastman, C. R. Science, New York, N.Y., (N. Ser.), 19, 1904, (703-704).

5431.55 UPPER PALAEOZOIC.

GENERAL.

Dean, B. [Review of] The lower Devonian fishes of Gemünden, by R. H. Traquair. Science, New York, N.Y., (N. Ser.), 19, 1904, (64-65).

Eastman, C. R. Devonian fish of Iowa. [Abstract.] Rochester Bull. Geol. Soc. Amer., 12, 1903, (703-704).

———— Marginal and ridge in *Cephalaspis* and *Drepanaspis*. Science, New York, N.Y., (N. Ser.), 19, 1904, (703-704).

———— On the nature of and related forms. [With bibliography.] Parker, G. H. ed., Mark Anson Volume, New York, 1903, (27 with 1 pl.).

SPECIAL.

Acrolepis macroderma, A. f. cf. *murchisoni*. Krotov, B. Trd. Obsč. jest., 38, 3, 1904, (27-28).

Amblypterus permensis n. sp. *orientalis*. Russland. Krotov, B. Trd. Obsč. jest., 38, 3, 1904, (24-26).

Bethriolepis. Patten, W. V. Holl, Mass., Mar. Biol. Lab. Bull., 1904, (113-124, with text fig.).

Campodus. Karpinski, A. P. Peterburg, Ver. Russ. mineral. (Ser. 2), 41, 1903, Prot. (32-37).

Cymatodus. Krotov, B. Trd. Obsč. jest., 38, 3, 1904, (6, 7-8).

Diaeranodus texensis Cope (= *modus? compressus* Cope). Bro. N. Jahrb. Min., Stuttgart, Beilage 1904, (467-484, mit 2 Taf.).

Dinichthys spp., structure. Hux. L. New York, N.Y., Bull. Amer. Nat. Hist., 21, 1905, (409-414, with 1 pl., text fig.).

Dipterus. Tokarenko, L. K. Trd. Obsč. jest., 37, 2, 1903, (37).

Drepanaspis, scales. Eastman, C. R. Science, New York, N.Y., (N. Ser.), 19, 1904, (703-704).

Elonichthys disjunctus n. sp. Eastman, C. R. Cambridge, Mass., Mus. Comp. Zool. Harvard Coll., 1903, (191).

Erismacanthus barbatus n. sp. Eastman, C. R. l.c. (211).

Fissodus dentatus n. sp. Eastman, C. R. l.c. (175).

Helodus incisus n. sp. Eastman, C. R. l.c. (204).

Homacanthus nn. spp. Eastman, C. R. l.c. (218).

Janassa nn. spp. **Eastman**, C. R. l.c. (172-173).

——— *bituminosa* from the marl-slate, Thickley. **Brown**, J. C. Naturalist, London, 1905, (220-222).

Menaspis, relations of. **Dean**, B. Amer. Geol., Minneapolis, Minn., 34, 1901, (49-53, with pl.).

Orodus intermedius n. sp. **Eastman**, C. R. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., 39, 1903, (183).

Palaeoniscus nn. spp.; *P. nanus*, *P. tuberculatus*, *P. lepidurus*, *P. tschev-kini*, *P. kasanensis*, *P. costatus*, *P. stochurovskii*. Russland. **Krotov**, B. Kazanī, Trd. Obšč. jest., 38, 3, 1904, (9-24).

Palaeopycnodus sp. **Krotov**, B. l.c. (32-34).

Phoebodus nn. spp. **Eastman**, C. R. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., 39, 1903, (169-196).

Physonemus nn. spp., *P. asper* n. nom. = *Xystracanthus arcuatus* Leidy. **Eastman**, C. R. l.c. (183-207).

Platysomus biarmicus. **Krotov**, B. Kazanī, Trd. Obšč. jest., 38, 3, 1904, (31-32).

Psephodus sp. **Krotov**, B. l.c. (5-7).

Pteraspes dunensis F. Roem. **Drevermann**, F. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (275-289, mit 3 Taf.).

Pygopterus. **Krotov**, B. Kazanī, Trd. Obšč. jest., 38, 3, 1904, (30-31).

Rhadinichthys argentinicus n. sp. Argentinien. **Tornquist**, A. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (346-351, mit 2 Taf.).

Sagenodus cristatus n. sp. **Eastman**, C. R. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., 39, 1903, (188).

Stethacanthus erectus n. sp. **Eastman**, C. R. l.c. (217).

Streblodus angustus n. sp. **Eastman**, C. R. l.c. (182).

Tremataspis, appendages. **Eastman**, C. R. Amer. Nat., Boston, Mass., 37, 1903, (573-577).

(K-11720)

5431.65 TRIASSIC.

Coelacanthus africanus n. sp. **Broom**, R. Graham's Town, Cape Colony, Rec. Albany Mus., 1, pt. 5, 1905, (339).

Colobodus. Salzburg. **Gorjanović-Kramberger**, K. Wien, Beitr. Geol. Pal. OstUng., 18, 1905, (199-211).

Cosmacanthus elegans n. sp. Idaho. **Evans**, H. M. Berkeley, Univ. Cal., Bull. Dept. Geol., 3, 1904, (397-[402], with 1 pl.).

Dapedius. Salzburg. **Gorjanović-Kramberger**, K. Wien, Beitr. Geol. Pal. OstUng., 18, 1905, (215-216, Taf. V).

Heterolepidotus parvulus n. sp. Salzburg. **Gorjanović-Kramberger**, K. l.c. (214-215, Taf. IV).

Hybodus substriatus n. sp. Lüneberg. **Linstow**, O. von. Berlin, Jahrb. geol. Landesanst., 24, 1904, (129-164).

Mesodon hoeferi n. sp. Salzburg. **Gorjanović-Kramberger**, K. Wien, Beitr. Geol. Pal. OstUng., 18, 1905, (219-220, Taf. IV).

Ophiopsis attenuata. Salzburg. **Gorjanović-Kramberger**, K. l.c. (218-219, Taf. IV).

Pholidophorus. Salzburg. **Gorjanović-Kramberger**, K. l.c. (221-222, Taf. IV).

Semionotus kapfi. Salzburg. **Gorjanović-Kramberger**, K. l.c. (195-197, Taf. II).

Spaniolepis n. gen., *S. oralis* n. sp. Salzburg. **Gorjanović-Kramberger**, K. l.c. (216-218, Taf. IV).

5431.70 JURASSIC.

Hybodus. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. IdMus., 4, 1904, (89-154, mit 1 Taf.).

Macromesodon n. gen. for *M. bathonicus* (Sauvage, — *Mesodon*, 1880). **Blake**, J. F. London, Monogr. Palaeont. Soc., 59, 1905, (32).

5431.75 CRETACEOUS.

GENERAL.

Gill, T. N. An interesting Cretaceous chimaeroid egg-case. Science, New York, N.Y., (N. Ser.), 22, 1905, (601-602).

SPECIAL.

Beryx ornatus. Favre, I. Charikov, Trd. Obšč. ispyt. prir., 38, 2, 1903, (152-154).

Ceratodus africanus n. sp. Sahara. Bang, E. Paris, C.-R. Acad. sci., 138, 1904, (1529-1530).

Oemeroides leucosiensis. Favre, I. Charikov, Trd. Obšč. ispyt. prir., 38, 2, 1903, (152).

5431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

GENERAL.

Stromer, E. Ein Beitrag zur Kenntnis des Myliobatiden-Gebisses. Berlin, Zs. D. geol. Ges., 56, 1904, beif. Mitt., (203-207).

Myliobatiden aus dem Mittelocän der bayerischen Alpen. Lc. Aufsätze, (249-267, mit 1 Taf.).

SPECIAL.

Aetobatis. Stromer, E. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (43, Taf. v).

Alopias. Aegypten. Stromer, E. Lc. (169, Taf. xv).

Alopiopsis. Aegypten. Stromer, E. Lc. (174-176, Taf. xvi).

Amblyprius. Stromer, E. Lc. (55, Taf. vi).

Bradyrus n. gen. Italy. Gil, T. N. Science, New York, N.Y., (N. Ser.), 20, 1904, (845-846).

Caranz primaeus n. sp. Italy. Eastman, C. R. Cambridge, Mass., Bull. Mus. Comp. Zool., Harvard Coll., 46, 1904, (28).

Carcharias. Aegypten. Stromer, E. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (176-179, Taf. xvi).

Carcharodon. Aegypten. Stromer, E. Lc. (172-174, Taf. xv).

Eopristis n. subgen. (*Pristis*). Stromer, E. Lc. (52-53).

Galeocerdo. Aegypten. Stromer, E. Lc. (174-176, Taf. xvi).

Galeus. Aegypten. Stromer, E. Lc. (174-176, Taf. xvi).

Ginglymostoma. Aegypten. Stromer, E. Lc. (165-167, Taf. xv).

Hemipristis. Aegypten. Stromer, E. Lc. (174, Taf. xvi).

Histionotophorus n. nom. (= *Histiocephalus* A. de Zigno not Diesing). Eastman, C. R. Cambridge, Mass., Bull. Mus. Comp. Zool., Harvard Coll., 46, 1904, (32).

(or *Pterophryne*?) *baseani*. Italy. Gil, T. N. Science, New York, N.Y., (N. Ser.), 20, 1904, (845-846).

Lamna. Aegypten. Stromer, E. Wien, Beitr. Geol. Pal. OstUng., 18, 1905, (169-171, Taf. XV).

Myliobatis nn. spp. Aegypten. Stromer, E. Lc. (40-43, Taf. V).

Odontaspis. Aegypten. Stromer, E. Lc. (169-171, Taf. XV).

Otodus. Aegypten. Stromer, E. Lc. (169-171, Taf. XV).

Oxyrhina. Aegypten. Stromer, E. Lc. (167-168, Taf. XV).

Pristis nn. spp. Aegypten. Stromer, E. Lc. (47-54, Taf. VI).

Proprius schuchtfurthii. Stromer, E. Lc. (53-55, Taf. V).

Pseudodus. Aegypten. Stromer, E. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (185-190, Taf. XVI).

Pygmaeus agassizii n. sp. Eastman, C. R. Cambridge, Mass., Bull. Mus. Comp. Zool., Harvard Coll., 46, 1904, (31).

Scyllium. Aegypten. Stromer, E. Lc. (164).

5431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Aetobatis biochei n. sp. France. Priem, F. Paris, Bul. soc. géol., (ser. 4), 4, 1904, (286).

Ginglymostoma miqueli n. sp. France. Priem, F. Paris, Bul. soc. géol., (ser. 4), 4, 1904, (288).

Pelamycybium n. gen. („*Sphyracodus*“) *sinus vindobonensis* n. sp. Oesterreich. Toul, F. Wien, Jahrb. Geol. RchsAnst., 56, 1905, (51-84, mit 1 Taf.).

5631 REPTILIA AND
BATRACHIA.5631.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.

GENERAL.

Brolli, F. Pelycosaurierreste von Texas. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (268-274, mit 1 Taf.).

Fraas, E. Reptilien und Säugetiere in ihren Anpassungserscheinungen an das marine Leben. Stuttgart, Jahreshefte Ver. Natk., **61**, 1905, (347-386).

Hoernes, [R.]. Ueber Koprolithen und Enterolithen. Biol. Centralbl., Leipzig, **24**, 1904, (566-576).

Jaekel, O. Ueber den Schädelbau der Nothosauriden. Berlin, SitzBer. Ges. natf. Freunde, **1905**, (60-84).

Riggs, E. S. Structure and relationships of Opisthocœlian Dinosaurs. Part I. *Apatosaurus* Marsh. Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser. **2**, 1903, (11. + 165-196, with text fig. and pl.). Separate. 25.8 cm.

Williston, S. W. On the osteology of *Nyctosaurus* (*Nyctodactylus*), with notes on American pterosaurs. l.c. ([125]-163, with text fig. and pl.).

SPECIAL.

Zanclodon, Nomenklatur. **Huene, F.** von. Centralbl. Min., Stuttgart, **1905**, (10-12).

5631.55 UPPER PALAEOZOIC.

GENERAL.

Case, E. C. . . . Work on the morphology of Permian reptiles. Grant No. 4-6. [Preliminary report.] Washington, D.C., Carnegie Inst., Year Book, **1903**, No. 2, 1904, (xxxvii).

SPECIAL.

Bathygnathus borealis. **Case, E. C.** Science, New York, N.Y., (N. Ser.), **22**, 1905, (52-53).

Cochleosaurus bohemicus Fritsch. **Brolli, F.** Palaeontographica, Stuttgart, **52**, 1905, (1-16, mit 2 Taf.).

Datheosaurus n. gen., *D. macrourus* n. sp. Deutschland. **Schroeder, H.** Berlin, Jahrb. geol. Landesanst., **25**, (1904), 1905, (282-294, mit 2 Taf.).

Dimetrodon, skull. **Case, E. C.** J. Geol., Chicago, Ill., **12**, 1904, (304-311, with text fig.).

———— fore foot. **Case, E. C.** l.c. (312-315, with text fig.).

Eifelosaurus triadicus n. sp. Deutschland. **Jaekel, O.** Berlin, Zs. D. geol. Ges., **56**, 1904, briefl. Mitt., (90-94).

5631.60 MESOZOIC.

GENERAL.

Hay, O. P. On the group of fossil turtles known as the Amphichelydia; with remarks on the origin and relationships of the suborders, superfamilies, and families of Testudines. [With bibliography.] New York, N.Y., Bull. Amer. Mus. Nat. Hist., **21**, 1905, (137-175, with text fig.)

SPECIAL.

Anaphotidemys n. nom. (= *Chelonides* preöc). **Hay, O. P.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **21**, 1905, (145).

Ichthyosaurus, neue Darstellung. **Jaekel, O.** Berlin, Zs. D. geol. Ges., **56**, 1904, Protokolle, (26-34).

5631.65 TRIASSIC.

GENERAL.

Broom, R. On the use of the term Anomodontia. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, pt. 4, (266-269).

———— Preliminary notice of some new fossil reptiles collected by Mr. Alfred Brown at Aliwal North, S. Africa, l.c. (269-275).

———— On the structure and affinities of the endothiodont reptiles. Cape Town, Trans. S. Afric. Phil. Soc., **15**, pt. 4, 1905, (259-282, pls. XII-XIV).

Enns, F. von. Polycosaurier im deutschen Muschelkalk. N. Jahrb. Min., Stuttgart, Beilagebd, 20, 1905, (321-353, mit 3 Taf.).

Merriam, J. C. The Thalattosauria: a group of marine reptiles from the Triassic of California. San Francisco, Mem. Cal. Acad. Sci., 5, No. 1, 1905, (52, with text fig. and pl.).

Primitive characters of the Triassic ichthyosaurs. [Abstract.] Rochester, N.Y., Bull. Geol. Soc. Amer., 14, 1904, (536).

Osburn, H. F. The Sauropoda. [A criticism of Hatcher's "Osteology of Haplocanthosaurus," and of Riggs' "Structure and relationships of Opisthocoele Dinosauria."] Science, New York, N.Y., (N. Ser.), 19, 1904, (271-272).

SPECIAL.

Anomoeosaurus strunzi n. sp. Germany. **Enns, F. von.** N. Jahrb. Min., Stuttgart, Beilagebd, 20, 1905, (321-334, Taf. V-VII).

Anthracosaurus n. gen., *A. hitchcocki* n. sp. Massachusetts. **Lull, R. S.** Boston, Mass., Mem. Soc. Nat. Hist., 5, 1904, (486-488).

Archaeosuchus n. gen., *A. cairncrossi* n. sp. **Broom, R.** Graham's Town, Cape Colony, Rec. Albany Mus., 1, pt. 5, 1905, (333).

Batrachopus dispar n. sp. Massachusetts. **Lull, R. S.** Boston, Mass., Mem. Soc. Nat. Hist., 5, 1904, (483).

Brachybrachium n. gen., *B. brevipes* n. sp. Wyoming. **Williston, S. W.** J. Geol., Chicago, Ill., 12, 1904, (694).

Diademodon, anatomy. **Broom, R.** London, Proc. Zool. Soc., 1905, 1, 1905, (96-102).

Dicynodon jouberti n. sp. **Broom, R.** Graham's Town, Cape Colony, Rec. Albany Mus., 1, pt. 5, 1905, (331).

Dolichobrachium n. gen., *D. gracile* n. sp. Wyoming. **Williston, S. W.** J. Geol., Chicago, Ill., 12, 1904, (689).

Ekbainacanthus. **Jakovlev, N.** St. Petersburg, Verh. Russ. mineral ges., (Ser. 2), 41, 1903, (165-169).

Erythrosuchus n. gen., *E. africanus* n. sp. **Broom, R.** Graham's Town, Cape Colony, Rec. Albany Mus., 1, pt. 5, 1905, (336).

Eubrontes platypus n. nom. (*Blonyx gigas* **H. Hitchcock**). **R. S. Boston, Mass., Mem. Soc. Nat. Hist., 5, 1904, (512).**

Eubrontes n. gen., *E. n. sp.* Wyoming. **Williston, J. Geol., Chicago, Ill., 12, 1904,**

Hesperosaurus n. gen., *H. brouni* **Broom, R.** Graham's Town, Cape Colony, Rec. Albany Mus., 1, 1905, (270).

Hyperodapedon, ribs. **Wos A. S. Stone, Rep. N. Staff. F.** 1905, (115-117, with pl.).

Ichthyosaurus carinatus, I. r. I. platypodon, notes. **Sauvage, Anton, Bul. soc. hist. nat., 44** (311-319).

Melinodon n. gen., *M. sinuatus* **Broom, R.** Graham's Town, Cape Colony, Rec. Albany Mus., 1, 1905, (273).

Nectosaurus n. gen., *N. latius* California, Triassic. **Merriam, San Francisco, Mem. Cal. Acad. Sci., 5, No. 1, 1905, (52, with text fig. and pl.).**

Paleorhinus n. gen., *P. branson* Wyoming, Triassic. **Williston, J. Geol., Chicago, Ill., 12, 1904, (**

Pelosuchus n. gen., *P. priacrus* **Broom, R.** Graham's Town, Cape Colony, Rec. Albany Mus., 1, pt. 5, (335).

Procolophon, affinities. **Broom, R.** London, Proc. Zool. Soc., 1905, 1, 217).

Seeley, H. G. l.c. 230, with figs.).

baini n. sp. **Broom, R.** Graham's Town, Cape Colony, Albany Mus., 1, pt. 5, 1905, (332).

Sesamodon n. gen., *S. brouni* **Broom, R. l.c. pt. 4, 1905, (272).**

Stenonyx n. nom. (= *Lepton* **Hitchcock** preëc.). **Lull, R. S. F. Mass., Mem. Soc. Nat. Hist., 5, (498).**

Sustenodactylus n. nom. (= *Stenodactylus* **E. Hitchcock** preëc.). **Lull, l.c. (537).**

Tarnoplectrus n. nom. (= *Plectro* **E. Hitchcock**). **Lull, R. S. l.c. (**

Thalattosaurus nn. spp. California. Triassic. **Merriam**, J. C. San Francisco, Mem. Cal. Acad. Sci., **5**, No. **1**, 1905, (52, with text fig. and pl.).

Thelegnathus n. gen., *T. browni* n. sp. **Broom**, R. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, pt. 4, 1905, (274).

Trirachodon minor n. sp. **Broom**, R. l.c. (271).

Udenodon pusillus n. sp. **Jaekel**, O. Berlin, SitzBer. Ges. natf. Freunde, **1904**, (172-188).

5631.70 JURASSIC.

GENERAL.

Williston, S. W. North American plesiosaurs. Part I. [With "Catalogue and bibliography".] Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser., **2**, 1903, (1-77, with text fig. and pl.). Separate. 25.8 cm.

SPECIAL.

Apatosaurus, structure and relationships. **Riggs**, E. S. l.c. (11. + 165-196, with text fig. and pl.).

Baptanodon, osteology. **Gilmore**, C. W. Pittsburgh, Pa., Mem. Carnegie Mus., **2**, 1905, (77-129, with pl. and text fig.).

Brontosaurus, skull and skeleton. **O[sborn]**, H. F. Science, New York, N.Y., (N. Ser.), **22**, 1905, (374-376).

Cetiosaurus leedsi from Peterborough, skeleton. **Woodward**, A. S. London, Proc. Zool. Soc., **1905**, **1**, (232-243).

Diplodocus, clavicle. **Nopcsa**, F. l.c. **2**, (289-294).

———— *carnegiei*. Pittsburgh, Pa., Ann. Carnegie Mus., **3**, 1905, (443-452, with pl.).

Goniopholis? gilmorei n. sp. Wyoming. **Holland**, W. J. l.c. (431-434, with pl. and text fig.).

Hypsilophodon. Great Britain. **Nopcsa**, F. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (203-208, with pl. and figs.).

Ichthyosaurus bambergensis n. sp. Deutschland. **Bauer**, F. Bamberg, Ber. natf. Ges., **18**, 1901, Abh. **1**, (1-56, mit 2 Taf.).

———— *volgensis* n. sp. Russland. **Kazanskij**, P. Kazan', Trd. Obsc. jest., **37**, **3**, 1903, (3-29); deutsches Rés., (29-30, mit 2 Taf.).

Metriorhynchus, Skelet. **Jaekel**, O. Berlin, Zs. D. geol. Ges., **56**, 1904, Protok., (109-119).

———— *jaekeli* n. sp. **Schmidt**, W. E. l.c. (97-108, mit 2 Taf.).

Morosaurus, skull and skeleton. **O[sborn]**, H. F. Science, New York, N.Y., (N. Ser.), **22**, 1905, (374-376).

Otouphepus n. gen. *O. magnificus* n. sp. Connecticut. **Cushman**, J. A. Amer. Geol., Minneapolis, Minn., **33**, 1904, (154-156, with 1 pl.).

Plesiosaurus. **Jakovlev**, N. N. St. Petersburg, Verh. Russ. mineral. Ges., (Sér. 2), **41**, 1903, (13-16, mit 1 Taf.).

Pleurocoelus versus *Astrodon*. **Lucas**, F. A. Science, New York, N.Y., (N. Ser.), **19**, 1904, (436).

Polacanthus. Great Britain. **Nopcsa**, F. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (241-251, with pl. and figs.).

Streptospondylus. Great Britain. **Nopcsa**, F. l.c. (289-293, with pl.).

5631.75 CRETACEOUS.

GENERAL.

Brown, B. Stomach stones and food of Plesiosaurs. Science, New York, N.Y., (N. Ser.), **20**, 1904, (184-185).

Eastman, C. R. A recent paleontological induction. [Criticism of paper by Barnum Brown on "Stomach stones and food of Plesiosaurs".] l.c. (465-466).

Hay, Oliver P[erry]. A revision of the species of the family of fossil turtles called Toxochelyidae. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **21**, 1905, (177-185, with text fig.).

Merriam, J. C. The occurrence of Ichthyosaur-like remains in the upper Cretaceous of Wyoming. Science, New York, N.Y., (N. Ser.), **22**, 1905, (640-641).

Williston, S. W. The relationships and habits of the mosasaurs. *J. Geol.*, Chicago, Ill., **12**, 1904, (43-51).

——— North American plesiosaurs. Part 1. [With "Catalogue and bibliography".] Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser., **2**, 1903, (1-77, with text fig. and pl.). Separate. 10.8 cm.

——— The stomach stones of the plesiosaurs. *Science*, New York, N.Y., (N. Ser.), **20**, 1904, (565).

SPECIAL.

Albertosaurus n. gen., type *A. sarcophagus* n. sp. **Osborn, H. F.** New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, **21**, 1905, (265).

Apatomerus n. gen., *A. mirus* n. sp. **Williston, S. W.** Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser., **2**, 1903, (160).

Brachuchenius n. gen., *B. lucasi* n. sp. **Kansas. Williston, S. W.** *l.c.* (57).

Dynamosaurus n. gen., (type *D. imperiosus* n. sp.) **Osborn, H. F.** New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, **21**, 1905, (263-264, with text fig.).

Goniopholis pugnax **Koken** Westfalen. **Landols, H.** Münster, Jahresber. Prov. Ver. Wiss., **32**, (1903-04), 1904, (45-46).

Nyctosaurus, osteology. **Williston, S. W.** Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser., **2**, 1903, ([125]).

Plesiosaurus kanzleri n. sp. Deutschland. **Koken, E.** Centralbl. Min., Stuttgart, 1905, (681).

Polycotylus ischiadicus n. sp. **Kansas. Williston, S. W.** Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser., **2**, 1903, (72).

Polyptychodon interruptus **Sables verts de la Meuse. Sauvage, H. E.** Autun, *Bul. soc. hist. nat.*, **16**, 1903, (321-323).

Portochelys browni n. sp. **Hay, O. P.** New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, **21**, 1905, (183-185, with text fig.).

Stegopelta n. gen., *S. landerensis* n. sp. Wyoming. **Williston, S. W.** *Science*, New York, N.Y., (N. Ser.), **22**, 1905, (503-504).

Toxochelys nn. spp. **Hay, O. P.** New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, **21**, 1905, (180-182, with text fig.).

Triceratops prorsus, skeleton. **Gillmore, Charles W[hitney].** Washington, D.C., Smithsonian Inst., *Nation Mus. Proc.*, **29**, 1905, (17. + 433-435, with 2 pls.).

Tyrannosaurus n. gen., (type *T. rex* n. sp.) **Osborn, H. F.** New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, **21**, 1905, (262-263, with text fig.).

5631.80 CAENOZOIC.

Conchochelys n. gen., *C. admirabilis* n. sp. [New Mexico] **Hay, O. P.** New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, **21**, 1905, (335-338, with text fig.).

5631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

GENERAL.

Hay, O. P. The fossil Chelonians of North America. Grant No. 14. [Preliminary report] Washington, D.C., Carnegie Inst., Year Book, 1903, No. 2, 1904, (xxxvii).

SPECIAL.

Archaeophis proavus. **Italian. Janensch, [W.]** Berlin, Sitzber. Geol. natf. Freunde, 1904, (133-135).

——— Monte Bolca. **Janensch, [W.]** Berlin, *Za. D. geol. Ges.*, **66**, 1904, Protok., (54-56).

Crocodylus nn. spp. Egypt. **Andrews, C. W.** *Geol. Mag.*, London, (Ser. 2), [5], **2**, 1905, (481-482).

Nicoria hadonensis n. sp. **Hooty, R. W.** *l.c.* (66).

Tomistoma nn. spp. Egypt. **Andrews, C. W.** *l.c.* (484).

5631.95 PLEISTOCENE AND RECENT.

Brown, A. E. Post-glacial Nearctic centres of dispersal for reptiles. Philadelphia, Pa., *Proc. Acad. Nat. Sci.*, **66**, 1904, (464-474).

5831 AVES.

5831.75 CRETACEOUS.

Diatryma gigantea. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **25**, 1903, (556).

Hargeria n. gen., type *Hesperornis gracilis*. Lucas, F. A. l.c. (552).

5831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE.)

GENERAL.

Eastman, C. R. Fossil avian remains from Armissan, [*Taoperdix keltica* n. sp.]. Pittsburgh, Pa., Mem. Carnegie Mus., **2**, 1905, ([131]-138, with pl.).

Lucas, F. A. Notes on the osteology and relationship of the fossil birds of the genera *Hesperornis*, *Hargeria* [n. gen., type *Hesperornis gracilis*], *Baptornis* and *Diatryma*. [Suggests that *Diatryma* belongs to the Stereornithes and that *Baptornis* represents a separate order from *Hesperornis*.] Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **26**, 1903, (545-556, with text fig.).

SPECIAL.

Anthropornis n. gen. *A. nordenskjoeldii* n. sp. Seymour Insel. Wiman, C. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (249, with pl.).

Baptornis, notes on osteology and relationship. Lucas, F. A. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **26**, 1903, (553-554).

Delphinornis n. gen., *D. larsenii* n. sp. Seymour Insel. Wiman, C. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (250-251, with pl.).

Eosphænis n. gen. *E. gunnari* n. sp. Wiman, C. l.c. (250, with pl.).

Hesperornis, notes on the osteology and relationship. Lucas, F. A. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **26**, 1903, (545-552, with text.-fig.).

Ichtyopteryx n. gen., *I. gracilis* n. sp. Seymour Insel. Wiman, C. l.c. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (251, with pl.).

Pachypteryx n. gen., *P. grandis* n. sp. Seymour Insel. Wiman, C. l.c. (250, with pl.).

Taoperdix keltica n. sp. France. Eocene. Eastman, C. R. Pittsburgh, Pa., Mem. Carnegie Mus., **2**, 1905, ([131]-138, with pl.).

5831.95 PLEISTOCENE AND RECENT.

Aepyornis ingens de Madagascar. Grandidier, G. Nature, Paris, **31**, (2^e sem.), 1903, (215-218, av. fig.).

Didus ineptus, skeleton. True, F. W. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1905, (517, with pl.).

Sarcorhamphus patruus n. sp. Bolivia. Lönnberg, E. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (1-11, with pl.).

6031 MAMMALIA.

6031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

GENERAL.

Abel, O. Die phylogenetische Entwicklung des Cetaceengebisses und die systematische Stellung der Physeteriden. Verh. D. zool. Ges., Leipzig, **15**, 1905, (84-96).

Fraas, O. Reptilien und Säugetiere in ihren Anpassungserscheinungen an das marine Leben. Stuttgart, Jahresh. Ver. Natk., **61**, 1905, (347-386).

Janensch, W. Skeletbau der Glyptodontiden. Berlin, Zs. D. geol. Ges., **56**, 1904, Protok., (67-91).

O[sborn], H. F. Fossil mammals of Mexico. Science, New York, N.Y., (N. Ser.), **21**, 1905, (931-932).

Roger, Otto. Ueber die Antilopen. Vortrag . . . Augsburg, Ber. natw. Ver., **36**, 1904, (103-126).

Trouessart, E. J. Catalogus Mammalium tam viventium quam fossilium. Quinquennale supplementum anno 1904. Fasc. III. Tillodontia, Ungulata et Sirenia. Berlin, 1905, (547-752).

Zerler, F. E. Beiträge über die Differenzierung des Gebisses aus der Phylogenese der fossilen Suiden. Biol. Centralbl., Leipzig, **25**, 1905, (508-519).

SPECIAL.

Bos primigenius domesticus in der Praeglacialschicht. **Kreutz, R.** Olmütz, Čas. Muz. Spolku, **1904**, (114-116).

Daemonelix, a rodent's burrow? **Peterson, O. A.** Science, New York, N.Y., (N. Ser.), **20**, 1904, (344-345).

Elephas primigenius. Berezovka, Sibirien. **Želisko, J. V.** Olmütz, Čas. Muz. Spolku, **1904**, (35-55, mit 5 Taf.).

Homo, neue Gedanken über das alte Problem von der Abstammung. **Kollmann, J.** Globus, Braunschweig, **37**, 1905, (140-148).

Megaladapis edwardsi G. Grandidier. **Lorenz, L. v.** Wien, Denkschr. Ak. Wiss., **77**, 1905, (451-490, mit 6 Taf.).

6031.80 CAENOZOIC.

Dinochoerus n. gen., n. sp. Nebraska. **Peterson, O. A.** Science, New York, N.Y., (New Ser.), **22**, 1905, (211-212).

Equus, evolution. **Matthew, W. D.** Supplement to Amer. Mus. J., New York, N.Y., **3**, 1903, ([1]-30, with text fig. and pl.).

Halitherium, Notiz. **Port, E. D. van.** Centralbl. Min., Stuttgart, **1905**, (21-22).

6031.81 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

GENERAL.

Gill, T. N. "Horses" not horses. [Criticism of "The Tree Dwellers," by E. C. Case.] Science, New York, N.Y., (N. Ser.), **19**, 1904, (737-738).

Lühe, M. Säugetierhaare im Bernstein. Königsberg, Schr. physik. Ges., **45**, 1904, Ber., (62-63).

SPECIAL.

Eutypomys n. gen., *E. thomsoni* n. sp. South Dakota. **Matthews, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **21**, 1905, (21-23, with text fig.).

Heteromeryx n. gen., *H. dispar* South Dakota. **Matthews, W. D.** (23-26).

Palaeomastodon nn. spp. **Am.** C. W. Geol. Mag., London, (8 [5], **2**, 1905, (562-563).

Zeuglodon, armor. **L[ucas]** Science, New York, N.Y., (N. Ser.) **1904**, (436-437).

6031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

GENERAL.

Grandidier, G. Observations sur les lémuriens disparus de Madagascar. Bul. Muséum, Paris, **1902**, (587-593, fig.).

Peterson, O. A. Description of new rodents and discussion of the origin of *Daemonelix* [probably burrow of *S. fiber*]. Pittsburg, Pa., Mem. Cal. Mus., **2**, 1905, ([139]-202, with text fig.).

SPECIAL.

Aceratherium nn. spp. **S.** **Weber, M.** Moskva, Bull. Soc. **1904**, (344-363, mit 3 Taf.).

—— *tetradactylum*. **Hofmann, A. und Zdarsky, A.** Wien, Jahrb. RechsAnst., **54**, (1904), 1905, (585-590, XIV).

Amphicyon sorialis n. sp. Würtemberg und Bayern. **Schlosser, M.** Jahrb. Min., Stuttgart, Beilageb., **1904**, (496).

Antilope cristata. **Hofmann, A. und Zdarsky, A.** Wien, Jahrb. Geol. Anst., **54**, (1904), 1905, (589-590, XV und XVI).

Capreolus. **Venjukov, P.** Mém. géol. Ross., St. Peterburg, **21**, (121-188); deutsches Rés., (189-190, mit 3 Taf.).

Cervus. **Venjukov, P.** l.c. (189-190, mit 3 Taf.).

Cordylodon schlosseri n. sp. **Am.** A. Hildesheim, Mitt. Roemer-Museum, **1904**, (20).

Criotherium argalioides. **Schl.** N. Wien, Beitr. Pal. Geol. Ost., **17**, 1904, (23-28, Taf. IV-V, figs.).

Dinotherium. **Venjukov**, P. Mater. geol. Ross., St. Peterburg, **21**, 1904, (121-188); deutsches Rés., (189-193, mit 3 Taf.).

———— *bavaricum*. **Hofmann**, A. und **Zdarsky**, A. Wien, Jahrb. Geol. RchsAnst., **54**, (1904), 1905, (577-584, Taf. XIV).

Elephas meridionalis in Dorsetshire. **Fisher**, O. London, Q. J. Geol. Soc., **61**, 1905, (35-38, with pls.).

Eulupsis n. gen., *E. platyceps* n. sp. Nebraska. Miocene. **Peterson**, O. A. Pittsburg, Pa., Mem. Carnegie Mus., **2**, 1905, (179-184).

Gazella gaudryi n. sp. **Schlosser**, M. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (66-68, Taf. XIII).

Halitherium bellunense eine Uebergangsform zur Gattung *Metaxytherium*. **Abel**, O. Wien, Jahrb. Geol. RchsAnst., **55**, 1905, (393-398).

Heterodelphis leiodontus n. sp. Ungarn. **Papp**, K. Földt. Évk., Budapest, **14**, 1905, (21-53, Taf. V, VI).

Hipparion. **Venjukov**, P. Mater. geol. Ross., St. Peterburg, **21**, 1904, (121-188); deutsches Rés., (189-193, mit 3 Taf.).

Hyaemoschus. **Hofmann**, A. und **Zdarsky**, A. Wien, Jahrb. Geol. RchsAnst., **54**, (1904), 1905, (586-589, Taf. XV).

Hyotheium sömmeringi. **Hofmann**, A. und **Zdarsky**, A. l.c. (585-586, Taf. XV).

Ictops nn. spp. Montana. Miocene. **Douglass**, E. Pittsburg, Pa., Mem. Carnegie Mus., **2**, 1905, (214-222, pl. XXII).

Machaerodus? ischyus n. sp. California. **Merriam**, J. C. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, 1905, (171-175, with text fig.).

Mastodon. **Maška**, K. Wien, Verh. Geol. RchsAnst., **1904**, (304).

———— **Venjukov**, P. Mater. geol. Ross., St. Peterburg, **21**, 1904, (121-188); deutsches Rés., (189-193, mit 3 Taf.).

———— *angustidens* Cuv. *Mastodon* cf. *longirostris* Kaup de Kertch. **Pavlova**, M. Ježeg. geol. i miner., Varšava, **6**, 1, 1903, (121-129); rés. fr., (130-139, av. 2 pls.).

Oioceros? proaries n. sp. **Schlosser**, M. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (73-76, Taf. XIII, figs. 7, 10-13).

Pachytragus n. gen., *P. crassicornis* n. sp. **Schlosser**, M. l.c. (56-59, Taf. XI, figs. 1-5).

Palaeomeryx simplicornis n. sp. Württemberg und Bayern. **Schlosser**, M. N. Jahrb. Min., Stuttgart, Beilagebd., **19**, 1904, (497).

Palaeophocaena n. gen., *P. andrusovi* n. sp. Taman. **Abel**, O. Wien, Jahrb. Geol. RchsAnst., **55**, 1905, (375-392).

Palaeoryx nn. spp. **Schlosser**, M. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (38-44, Taf. VII-VIII).

Pontoleon n. gen., *P. magnus* n. sp. Oregon. **True**, F. W. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **48**, 1905, (47-49).

Procamelus khersonensis n. sp. Kherson. **Pavlov**, M. Odessa, Mém. Soc. Nat. Nouv. Russ., **25**, 2, 1904, (113-133, av. 1 pl.).

Prodamaliscus n. gen., *P. gracilidens* n. sp. **Schlosser**, M. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (29-31, Taf. IV-IV).

Protoryx hentscheli n. sp. **Schlosser**, M. l.c. (49-50, Taf. IX).

Protragelaphus zitteli n. sp. **Schlosser**, M. l.c. (31-34, Taf. VI, figs. 2, 3, 5-12).

Pseudotragus n. gen., *P. capricornis* n. sp. **Schlosser**, M. l.c. (51-55, Taf. X, fig. 1-8).

Rhinoceros. **Venjukov**, P. Mater. geol. Ross., St. Peterburg, **21**, 1904, (121-188); deutsches Rés., (189-193, mit 3 Taf.).

———— von Samos. **Weber**, M. Moskva, Bul. Soc. Nat., **1903**, (477-501, mit 3 Taf.).

Siratherium giganteum. **Abel**, O. Wien, SitzBer. Ak. Wiss., **113**, 1904, Abth. I, (629-651, mit 1 Taf.).

Steneofiber, habits; nn. spp. Nebraska and Wyoming. Miocene. **Peterson**, O. A. Pittsburg, Pa., Mem. Carnegie Mus., **2**, 1905, (140-171).

Tragocerus rugosifrons n. sp.
Schlosser, M. Wien, Beitr. Pal. Geol.
ÖstUng., 17, 1904, (64-65, Taf. XIII,
figs. 4-6).

Tragoreas n. gen., *T. oryzoides* n. sp.
Schlosser, M. l.c. (34-37, Taf. VI).

Trochietis. Hofmann, A. Wien,
Jahrb. Geol. Reichsanst., 55, 1905, (27-
30, mit 1 Taf.).

Xenotherium n. gen., *X. unicum* n. sp.
Montana, Miocene. Douglass, E.
Pittsburg, Pa., Mem. Carnegie Mus., 2,
1905, (204-208, pl. XXII).

6031.95 PLEISTOCENE AND RECENT.

GENERAL.

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Diluvium und Alluvium der Provinz
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36 (1904), 1905, (35-53, mit 1 Taf.).

Nordmann, V. On Denmark's
mammals in the past. (Danish)
Kjöbenhavn, Danm. Geol. Unders.,
(Ser. 3), 5, 1905, (III + 133, with an
English list of the Danish fossil
mammals).

SPECIAL.

Alactaga saliens Gmel. aus Mit-
teleuropa. Nehring, A. Natw. Wochen-
schr., Jena, 19, 1904, (215-216).

Aplodontia major fossilis n. subsp.
California. Sinclair, W. J. Berkeley,
Univ. Cal., Bull. Dept. Geol., 4, 1905,
(147, pl. XIX, figs. 1-9).

Arvicola (Tyrrhenicola) henseli, 1882.
Medit. Region. Major, C. I. F. Geol.
Mag., London, (Ser. 2), [5], 1905, (504).

Balcena mysticetus subfossil in
Sweden. Munthe, H. Stockholm, Geol.
Förh., 24, 1902, (49-59, 145-158,
with pl.); Stockholm, Sv. Geol. Unders.,
Ser. C, 190, 1902, (27).

Bos latifrons, Schädel. Tutkovskij, P.
Ježeg. geol. i miner., Varšava, 6, 1903,
(59-62).

——— *primigenius* Boj. Bere-
zowski, A. (Polish) Kraków, Spraw.
Kom. fizyogr., 38, 1905, (32-33).

——— subfossil in Sweden.
Munthe, H. Stockholm, Geol. Förh.,
24, 1902, (49-59, 145-158, with
pl.); Stockholm, Sv. Geol. Unders.,
Ser. C, 190, 1902, (27).

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rhenanus mihi, *C. teguliensis mihi* n.
Dubois, E. Haarlem, Arch. Mus. Toy.
(Ser. 2), 9, 1905, (605-615, avec 1 pl.).

——— *elaphus*, abnormal remains
from the south of England. Huxley,
M. A. C. London, Proc. Zool. Soc.,
1905, 1, (210-212).

Elephas spp., dans les couches
diluviales des pays plats de l'Allemagne
septentrionale et de la Pologne. G.
powalski, F. (Polish) Poznań, Roczn.
Tow. przyj. Nauk, 39, 1904, (109-130).

——— *antiquus* in den Sand-
brüchen bei Gräfensteden. Florin,
G. Gotha, Mitt. Ver. Gesch., 1905,
(43-57).

——— *primigenius*, tooth. M'Coy,
W. F. Sci. Amer., New York, N.Y.,
90, 1904, (60, with illustr.).

——— Asiatisches Russland.
Reinhardt, L. Prometheus, Berlin,
1905, (337-341, 357-360).

——— Reinhardt, L. Umack,
Frankfurt a. M., 8, 1904, (751-753).

——— Reste, gefunden
Bielefeld. Wilbrand, J. Jahresber. Ver.
Ravensberg, Bielefeld, 18, 1904,
(91-93).

Equus, evolution. Matthew, W.
Supplement to Amer. Mus. J., New
York, N.Y., 3, 1903, ([1]-30, with
fig., incl. pl.).

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subsp. Duerst, J. U. Arch. Ant.
Braunschweig, 30, 1904, (233-294).

——— *haasei* n. sp. Pampe-
Südamerika. Reche, O. Wien, Beitr.
Geol. Pal. ÖstUng., 18, 1905, (225-230,
mit 1 Taf.).

——— *stenonis* Cocchi, Un-
terkammer von Mosbach. Reichenau, W. v.
Darmstadt, Notizbl. Ver. Erdk.,
Folge, 24, 1903, (48-54).

Euceratherium. California. Sinclair,
William J. and Furlong, E. L. Berkeley,
Univ. Cal., Bull. Dept. Geol., 3, 1905,
(411-418, with 2 pl. and text figs.).
Separate. 27 cm.

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(Südwestpatagonien). Hauthal,
Frankfurt a. M., Ber. Senckenb. Ges.,
1904, (89-91).

Grypootherium, Dung. Richters,
l.c. (46).

Grypotherium darwini bei Ultima Esperanza (Südwestpatagonien). **Hauthal**, R. l.c. (89-91).

——— Ultima Esperanza. **Lehmann-Nitsche**, R. Berlin, 1901, (48).

Homo krapinensis, Osteologie. **Gorjanovič-Kramberger**, K. Verh. Ges. D. Natf., Leipzig, **75**, (1903), II, 1, 1904, (219-222).

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——— *arvernensis* aus dem Mosbacher Sande. **Reichenau**, W. von. Wiesbaden, Jahrb. Ver. Natk., **58**, 1905, (295-319).

Lupus spelaeus, Schädel. **Langenhan**, A. Monatschr. Mineraliensammler, Rochlitz, **2**, 1904, H. 2-3, (8-9).

Machaerodus ? ischyryus n. sp. California. **Merriam**, J. C. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, 1905, (171-175, with text fig.).

Mammut americanum. Alaska. **Osgood**, W. H. Washington, D.C., Proc. Biol. Soc., **18**, 1905, (254-255).

Mastodon, distribution of remains in New York. **Clarke**, J. M. Rochester, N.Y., Bull. Geol. Soc. Amer., **14**, 1904, (537).

——— Reste aus dem interandinen Hochland von Bolivia. **Pompeckj**, J. F. Palaeontographica, Stuttgart, **52**, 1905, (17-56, mit 2 Taf.).

——— von Nordeck am Vogelsberg. **Schottler**, W. Darmstadt, Notizbe. Ver. Erdk., 4 Folge, **23**, 1902, (26-30, mit 1 Taf.).

——— Texas. **Mackensen**, B. San Antonio, Texas, Bull. Sci. Soc., **1**, 1905, ([3]-10, with pl.).

——— *americanus*, osteology. **Holland**, W. J. Pittsburgh, Pa., Ann. Carnegie Mus., **3**, 1905, (464-467, with text fig.).

——— *andium*. **Nordenskiöld**, E. Stockholm, Vet.-Ak. Handl., **47**, No. 4, 1903, (30, with 6 pls.).

Megalonyx sierrensis n. sp. California. **Sinclair**, W. J. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, 1905, (155, pls. XX, XXII).

Nothrotherium ? shastense n. sp. California. **Sinclair**, W. J. l.c. (153-155, pl. XXIII, figs. 1-5a, 8).

Onohippidium saldiasi bei Ultima Esperanza (Südwestpatagonien). **Hauthal**, R. Frankfurt a. M., Ber. Senckenb. Ges., **1904**, (89-91).

Ovibos moschatus. England. **Andrews**, C. W. London, Proc. Zool. Soc., **1905**, 1, (50-53).

——— fossil in Sweden. **Munthe**, H. Stockholm, Geol. För. Förh., **27**, 1905, (173-189, with pl.).

Ovis aries : studeri n. subsp. **Schoentensack**, O. Heidelberg, Verh. Nathist. Ver., (N.F.), **8**, 1904, (1-118, mit 3 Taf.).

Phoca barbata subfossil in Sweden. **Munthe**, H. Stockholm, Geol. För. Förh., **24**, 1902, (49-59, 145-158, with pl.); Stockholm, Sv. Geol. Unders., Ser. C., **190**, 1902, (27).

Preptoceras n. gen., *P. sinclairi* n. sp. California. **Furlong**, E. L. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, 1905, ([163]-169 + 1l., with 2 pl.).

Prolagus calpensis n. sp. **Major**, C. I. F. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (466).

Rhagamys orthodon (Hensel, *Mus*). Medit. region. **Major**, C. I. F. l.c. (503).

Rhinoceros im Diluvium Böhmens. **Kafka**, J. Vesmír, Prag, **33**, 1904, (112-113).

Scaphoceros n. gen., *S. tyrrelli* n. sp. Alaska. **Osgood**, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **48**, 1905, (173-185, with pl.).

Teonoma spelaea n. sp. California. **Sinclair**, W. J. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, 1905, (148, pl. XIX, figs. 4-7).

Thomomys microdon n. sp. California. **Sinclair**, W. J. l.c. (146-147, pl. XIX, figs. 1-3).

Tyrrhenicola n. gen. **Major**, C. I. F. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (504).

Ursus arctos et *U. maritimus* subfossil in Sweden. **Holst**, N. O. Stockholm, Sv. Geol. Unders., Ser. C., **189**, 1902, (38, with pl.).

——— *deningeri* n. sp. Mosbach. **Reichenau**, W. von. Wiesbaden, Jahrb. Ver. Natk., **57**, 1904, (1-11).

LIST OF NEW GENERA AND SPECIES

0431 PROTOZOA.

AMMODICTUS [Foraminifera].

- _____ *bartiniensis*. Hucke. 3066.
 _____ *nidiiformis*. Brückmann.
 2869.

CRISTELLARIA [Foraminifera].

- _____ *baltica*. Brückmann. 2869.
 _____ *colligata*. Brückmann. 2869.
 _____ *flexuosa*. Brückmann. 2869.
 _____ *lithuanica*. Brückmann.
 2869.
 _____ *mitellata*. Brückmann. 2869.
 _____ *pommeranica*. Hucke. 3066.
 _____ *virgata*. Brückmann. 2869.

EPISTOMINA [Foraminifera].

- _____ *porcellanea*. Brückmann.
 2869.

FRONDICULARIA [Foraminifera].

- _____ *ampulla*. Hucke. 3066.
 _____ *borussica*. Brückmann. 2869.
 _____ *distorta*. Brückmann. 2869.
 _____ *schellertii*. Brückmann.
 2869.

GLOMERINA [Foraminifera].

- _____ ? *mantouensis*. Walcott.
 3452.

LAGENA [Foraminifera].

- _____ *pura*. Hucke. 3066.

MARGINULINA [Foraminifera].

- _____ *rostrata*. Hucke. 3066.

ORTHOPHRAGMINA [Foraminifera].

- _____ *bayani*. Schlumberger.
 3341.
 _____ *decorata*. Schlumberger.
 3341.
 _____ *gümbeli*. Schlumberger.
 3341.
 _____ *lanceolata*. Schlumberger.
 3341.
 _____ *münieri*. Schlumberger.
 3341.
 _____ *taramellii*. Schlumberger.
 3341.

POLYVALVINA [Foraminifera].

- _____ *klewmi*. Steener. 34

RHANDOGONTUM [Foraminifera].

- _____ *pericardium*. Brückmann.
 2869.

ROTALIA [Foraminifera].

- _____ *fallax*. Steener. 340

SAGRINA [Foraminifera].

- _____ *branneri*. Bagg. 28
 _____ *californiensis*. Bagg.
 _____ *elongata*. Bagg. 28

0631 PORIFERA.

PROTOSPONGIA [Hexactinellida].

- _____ *chloris*. Walcott. 34

RECEPTACULITES.

- _____ *fergusoni*. Chapman.

SPHENODICTYA n. gen. Herzer.

- _____ *cornigera*. Herzer.

0831 COELENTERATA.

ACTINOSTROMA [Hydromedusae].

- _____ *trentonensis*. Weller.

ALVEOPORA [Hexacoralla].

- _____ *gracilis*. Törnquist.

AMPLEXUS [Tetracoralla].

- _____ *cornutus*. Stucke
 3413.

ANISOPHYLLUM [Tetracoralla].

- _____ *carbonicum*. Stucke
 3413.

ANTHOGRAPTUS [Graptolitoidea].

- _____ *nidus*. Törnquist. 3

ANTILLOSERIS n. gen. [Hexacoralla].

- _____ *Vaughan*. 3446.

APIORMILIA [Hexacoralla].

- _____ *sokolovi*. Missuna.

- BRYOGRAPTUS** [Graptolitoidea].
 ——— *simplex*. Törnquist. 3429.
- CAMPOPHYLLUM** [Tetracoralla].
 ——— *amplexoides*. Stuckenberg. 3413.
 ——— *conicum*. Stuckenberg. 3413.
 ——— *sinzowi*. Stuckenberg. 3413.
 ——— *vermiculare*. Stuckenberg. 3413.
- CANINIA** [Tetracoralla].
 ——— *cornuta*. Stuckenberg. 3413.
 ——— *helmerseni*. Stuckenberg. 3413.
 ——— *inostranzewi*. Stuckenberg. 3413.
 ——— *karpinskii*. Stuckenberg. 3413.
 ——— *kutorgae*. Stuckenberg. 3413.
 ——— *lahuseni*. Stuckenberg. 3413.
 ——— *okensis*. Stuckenberg. 3413.
 ——— *rossica*. Stuckenberg. 3413.
 ——— *schmidtii*. Stuckenberg. 3413.
 ——— *struvii*. Stuckenberg. 3413.
 ——— *tschernyschewi*. Stuckenberg. 3413.
- CLADOPORA** [Tabulata].
 ——— *multiscriata*. Weller. 3470.
- CLIMACOGRAPTUS** [Graptolitoidea].
 ——— *wellingtonensis*. Hall. 3028.
- CLISIOPHYLLUM** [Tetracoralla].
 ——— *credneri*. Stuckenberg. 3413.
 ——— *eichwaldi*. Stuckenberg. 3413.
 ——— *helmerseni*. Stuckenberg. 3413.
 ——— *lonsdalei*. Stuckenberg. 3413.
- CLONOGRAPTUS** [Graptolitoidea].
 ——— *subtilis*. Törnquist. 3429.
- CYCLOPHYLLUM** [Tetracoralla].
 ——— *matense*. Stuckenberg. 3413.
 ——— *thomsoni*. Stuckenberg. 3413.
 ——— *zitteli*. Stuckenberg. 3413.
- CYPHASTRAEA** [Hexacoralla].
 ——— *intermedia*. Felix. 2967.
- DENDRACIS** [Hexacoralla].
 ——— *meridionalis*. Törnquist. 3427.
- DENDROGRAPTUS** [Graptolitoidea].
 ——— *maximus*. Wiman. 3493.
- DESMOGRAPTUS** [Graptolitoidea].
 ——— ? *formosus*. Wiman. 3493.
- DIBUNOPHYLLUM** [Tetracoralla].
 ——— *barboti*. Stuckenberg. 3413.
 ——— *pseudoturbيناتum*. Stuckenberg. 3413.
- DICELLOGRAPTUS** [Graptolitoidea].
 ——— *laxatus*. Lapworth. 3412.
- DICHOGRAPTUS** [Graptolitoidea].
 ——— *regularis*. Törnquist. 3429.
- DICRANOGRAPTUS** [Graptolitoidea].
 ——— *hians*. Hall. 3028.
- DIDYMOGRAPTUS** [Graptolitoidea].
 ——— *euodus* var. *björklundi* n. var. Lapworth. 3412.
- DIPLOGRAPTUS** [Graptolitoidea].
 ——— *thielei*. Hall. 3028.
- Discograptus** n. gen. [Graptolitoidea].
 Wiman. 3493.
 ——— *schmidtii*. Wiman. 3493.
- DYBOWSKIELLA** [Octocoralla].
 ——— *rossica*. Stuckenberg. 3413.
- EPISMILIA** [Hexacoralla].
 ——— *calciformis*. Missuna. 3199.
 ——— *sudaghi*. Missuna. 3199.
- FAVIA** [Hexacoralla].
 ——— *minor* n. form. Felix. 2967.
- FAVOSITES** [Tabulata].
 ——— *argentina*. Thomas. 3416.
 ——— *corrugatus*. Weller. 3470.
- Fischerina** n. gen. [Tetracoralla].
 Stuckenberg. 3413.
 ——— *rossica*. Stuckenberg. 3413.
- FLABELLUM** [Hexacoralla].
 ——— *papakurense*. Clarke. 2890.
- Galeograptus** n. gen. [Graptolitoidea].
 Wiman. 3493.
 ——— *wennersteni*. Wiman. 3493.
- GONIOCORA** [Hexacoralla].
 ——— *taurica*. Missuna. 3199.
- HELIOPHYLLUM** [Tetracoralla].
 ——— *adnascens*. Greene. 3017.
 ——— *ignotum*. Greene. 3017.
- Hexaphyllia** n. gen. [Hexacoralla].
 Stuckenberg. 3413.
 ——— *prismatica*. Stuckenberg. 3413.
- INOCAULIS** [Graptolitoidea].
 ——— *musciiformis*. Wiman. 3493.
- ISAETRAEA** [Hexacoralla].
 ——— *minima*. Missuna. 3199.
- KONINCKOPHYLLUM** [Tetracoralla].
 ——— *olivieri*. Stuckenberg. 3413.
 ——— *rossicum*. Stuckenberg. 3413.

- LATIMAKANDRA** [Hexacoralla].
 — ? *compacta*. Missuna. 3199.
- LEPTOPHYLLIA** [Hexacoralla].
 — *longistyla*. Missuna. 3199.
 — *pulchra*. Missuna. 3199.
- LITHOSTROTION** [Tetracoralla].
 — *rossicum*. Stuckenberg. 3413.
- LOESDALIA** [Tetracoralla].
 — *muschkatovi*. Stuckenberg. 3413.
 — *rossica*. Stuckenberg. 3413.
- Lophophylloides** n. gen. [Tetracoralla].
 — Stuckenberg. 3413.
 — *schellwieni*. Stuckenberg. 3413.
- LOPHOPHYLLUM** [Tetracoralla].
 — *minimum*. Stuckenberg. 3413.
 — *okenais*. Stuckenberg. 3413.
 — *trautscholdi*. Stuckenberg. 3413.
- MEGOPHYLLUM** [Tetracoralla].
 — *ulrichianum*. Girty. 3001.
- MONTIVACUITYA** [Hexacoralla].
 — ? *deformata*. Missuna. 3199.
 — *piriformis*. Missuna. 3199.
- OMBICELLA** [Hexacoralla].
 — *humphreysi*. Felix. 2907.
 — *lyonsi*. Felix. 2907.
 — *theresianna*. Felix. 2906.
- PACHYPHYLLUM** [Tetracoralla].
 — *minutissimum*. Webster. 3468.
 — *woodmani* var. *gregarium* n. var. Webster. 3468.
 — — var. *ruddi* n. var. Webster. 3468.
- Physocoris** n. gen. [Hexacoralla].
 — Vaughan. 3446.
- Pseudosapientoides** n. gen. [Tetracoralla].
 — Stuckenberg. 3413.
 — *jeroszewi*. Stuckenberg. 3413.
- Reticulograptus** n. gen. [Graptolitoidea].
 — Wiman. 3493.
- RHIPIDOMYTRA** [Hexacoralla].
 — *magna*. Missuna. 3199.
- ROMINGERIA** [Tabulata].
 — *trentonensis*. Weller. 3470.
- SCHIZOGRAPTUS** [Graptolitoidea].
 — *ambigua*. Törnquist. 3429.
 — *rotans*. Törnquist. 3429.
- SOLENASTRANA** [Hexacoralla].
 — *anemala*. Felix. 2907.
- STROMATOPOROKELLA** [Stromatoporoidea].
 — *cracoviensis*. Girty. 3001.
- STYLINA** [Hexacoralla].
 — *compressa*. Missuna. 3199.
- STRONGOPORA** [Tabulata].
 — *rossica*. Stuckenberg. 3413.
- TETRAGRAPTUS** [Graptolitoidea].
 — *vestrogothus*. Törnquist. 3429.
- THECOSMILLA** [Hexacoralla].
 — *variformis*. Missuna. 3199.
- TRACHYPORA** [Tabulata].
 — *oriskania*. Weller. 3470.
- ZAPHRENTIS** [Tetracoralla].
 — *amplexiformis*. Girty. 3017.
- ZAPHRENTOIDES** [Tetracoralla].
 — *matensis*. Stuckenberg. 3413.
 — *tulensis*. Stuckenberg. 3413.

1031 ECHINODERMATA.

- ARCHAEOCIDARIS** [Echinoidea].
 — *ourayensis*. Girty. 3001.
- CALCEOCRINUS** [Crinoidea].
 — *alleni*. Rowley. 3329.
- CAMAROCRINUS** [Crinoidea].
 — *ulrichi* var. *stellifer* n. Schuchert. 3360.
- CIDARIS** [Echinoidea].
 — *moravica*. Reineš. 330.
- CODASTER** [Blastoidea].
 — *attenuatus* var. *robustus* var. Rowley. Girty. 3017.
- CORDYLACRINUS** [Crinoidea].
 — *dubius*. Rowley. 3329.
- CYATHOCRINUS** [Crinoidea].
 — *oralis*. Rowley. 3329.
- CYRTOCRINUS** [Crinoidea].
 — *digitatus*. Reineš. 330.
- FIBULARIA** [Echinoidea].
 — *voeltzkovi*. Törnquist. 3427.
- Fibulina** n. gen. [Echinoidea].
 — quist. 3427.
 — *gracilis*. Törnquist. 3427.
- GIBBOSOCRINUS** [Crinoidea].
 — *problematicus*. Rowley. 3329.

- GLYPTOCRINUS [Crinoidea].
 ——— *insperatus*. Rowley. 3329.
 ——— ? var. *carinatus* n. var.
 Rowley. 3329.
 ——— var. *pentagonus* n. var.
 Rowley. 3329.
- ICHTHYOCRINUS [Crinoidea].
 ——— *magnaradialis*. Weller.
 3470.
- ISOCRINUS [Crinoidea].
 ——— *holsaticus*. Jaekel. 3079.
- JAEKELOCYSTIS [Cystoidea].
 ——— *arellana*. Schuchert. 3360.
 ——— *papillatus*. Schuchert. 3360.
- LAMPTEROCRINUS [Crinoidea].
 ——— ? *comptus*. Rowley. 3369.
- LECANOCRINUS [Crinoidea].
 ——— *hemisphericus*. Rowley.
 3369.
- LEPOCRINITES [Cystoidea].
 ——— *manlius*. Schuchert. 3360.
- Maragnicrinus** n. gen. [Crinoidea].
 Whitfield. 3477.
 ——— *portlandicus*. Whitfield.
 3477.
- MELOCRINUS [Crinoidea].
 ——— *wittenbergensis*. Rowley.
 3369.
- NYMPHASTER [Asteroidea].
 ——— *radatus*. Spencer. 3401.
- ORBITREMITES [Blastoidea].
 ——— *grandis*. Rowley. Greene.
 3017.
 ——— *oppelti* n. sp. Rowley.
 Greene. 3017.
- PENTAOERUS [Asteroidea].
 ——— *abbreviatus*. Spencer. 3401.
 ——— *bispinosus*. Spencer. 3401.
 ——— *punctatus*. Spencer. 3401.
- PENTACRINUS [Crinoidea].
 ——— *riesbauri*. Rzehak. 3331.
- PENTAGONASTER [Asteroidea].
 ——— *robustus*. Spencer. 3401.
- PENTREMITES [Blastoidea].
 ——— *conoides* var. *amplus* n. var.
 Rowley. Greene. 3017.
 ——— var. *perlongus* n. var.
 Rowley. Greene. 3017.
- PENTREMITIDEA [Blastoidea].
 ——— *approximata*. Rowley.
 Greene. 3017.
 ——— ? *dubia*. Rowley. Greene.
 3017.
 ——— *leda* ? var. *magna* n. var.
 Rowley. Greene. 3017.

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- PISOCRINUS [Crinoidea].
 ——— *glabellus*. Rowley. 3369.
 ——— *granulosus*. Rowley. 3369.
- PSEUDOCIDARIS [Echinoidea].
 ——— *ellenbecki*. Dacqué. 2914.
- Pseudosaccocoma** n. gen. [Crinoidea].
 Remeš. 3307.
 ——— *strambergensae*. Remeš. 3307.
- PSEUDOURINITES [Cystoidea].
 ——— *abnormalis*. Schuchert.
 3360.
 ——— *claypolei*. Schuchert. 3360.
 ——— *elongatus*. Schuchert. 3360.
 ——— *subquadratus*. Schuchert.
 3360.
- SCHIZASTER [Echinoidea].
 ——— *howa*. Tornquist. 3427.
- SPHAERASTER [Asteroidea].
 ——— *molassicus*. Schütze. 3363.
- SPHAEROCYSTITES [Cystoidea].
 ——— *bloomfieldensis*. Schuchert.
 3360.
 ——— *globularis* var. *ovalis* n. var.
 Schuchert. 3360.
- STIRECHINUS [Echinoidea].
 ——— *suevicus*. Schütze. 3363.
- Sympterura** n. gen. [Ophiuroidea].
 Bather. 2813.
 ——— *minveri*. Bather. 2813.
- Tetracystis** n. gen. [Cystoidea].
 Schuchert. 3360.
 ——— *chrysalis*. Schuchert. 3360.
 ——— *fenestratus*. Schuchert. 3360.
- Trimerocystis** n. gen. [Cystoidea].
 Schuchert. 3360.
 ——— *peculiaris*. Schuchert. 3360.

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- Torlessia** n. gen. Bather. 2814.
 ——— *mackayi*. Bather. 2814.

2031 BRACHIOPODA AND BRYOZOA.

- ACROTHELE [Brachiopoda].
 ——— *mattheici* var. *eryz* n. var.
 Walcott. 3452.
 ——— ? *minuta*. Walcott. 3451.
 ——— *rarus*. Walcott. 3451.
- ACROTHYRA [Brachiopoda].
 ——— *minor*. Walcott. 3451.

ACOSTRETA [Brachiopoda].

- _____ *cancellata*. Walcott. 3451.
 _____ *eggegrundensis*. Wiman. 3494.
 _____ *emmonsi*. Walcott. 3451.
 _____ *liani*. Walcott. 3451.
 _____ *limöensis*. Wiman. 3494.
 _____ *neboensis*. Walcott. 3451.
 _____ *nox*. Walcott. 3451.
 _____ *pacifica*. Walcott. 3451.
 _____ *shantungensis*. Walcott. 3451.
 _____ *spinoza*. Walcott. 3451.
 _____ *uplandica*. Wiman. 3494.

Alloxema n. gen. [Bryozoa]. Ulrich and Bassler. 3439.

- _____ *botelloides*. Ulrich and Bassler. 3439.
 _____ *minimum*. Ulrich and Bassler. 3439.
 _____ *moniliforme* var. *aggregatum* n. var. Ulrich and Bassler. 3439.
 _____ *subfusiforme*. Ulrich and Bassler. 3439.
 _____ *waldronensis*. Ulrich and Bassler. 3439.

AMBOCOFLIA [Brachiopoda].

- _____ *carbonaria*. Hind. 3047.

AMPLEXOPORA [Bryozoa].

- _____ *ampla*. Ulrich and Bassler. 3440.
 _____ *columbiana*. Ulrich and Bassler. 3440.
 _____ *cylindracea*. Ulrich and Bassler. 3440.

Anaphragma n. gen. [Bryozoa]. Ulrich and Bassler. 3440.

- _____ *mirabile*. Ulrich and Bassler. 3440.

ASCOLECTYON [Bryozoa].

- _____ *floreale*. Ulrich and Bassler. 3439.
 _____ *parvulum*. Ulrich and Bassler. 3439.
 _____ *sparsum*. Ulrich and Bassler. 3439.

ATACTOPORA [Bryozoa].

- _____ *angularis*. Ulrich and Bassler. 3440.

BERENICEA [Bryozoa].

- _____ *somalica*. Daqué. 2914.

BILLINGSSELLA [Brachiopoda].

- _____ *anomala*. Walcott. 3451.
 _____ ? *appalachia*. Walcott. 3451.
 _____ *dice*. Walcott. 3451.

BILLINGSSELLA [Brachiopoda].

- _____ *asperrostris* var. *rugosius* n. var. Walcott. 3451.
 _____ *barlamsensis*. Walcott. 3451.
 _____ *major*. Walcott. 3451.
 _____ *obovata*. Walcott. 3451.
 _____ *plicatella*. Walcott. 3451.
 _____ *pumpellyi*. Walcott. 3451.
 _____ *richthofeni*. Walcott. 3451.
 _____ *affordi*. Walcott. 3451.
 _____ *stricta*. Walcott. 3451.

BOCKMAREIA [Brachiopoda].

- _____ *rhissida*. Hutton. 307.

CADONELLA [Brachiopoda].

- _____ *quasitesti*. Rea. 3291.

Calloporina n. gen. [Bryozoa]. Ulrich and Bassler. 3440.

- _____ *parva*. Ulrich and Bassler. 3440.

CANARELLA [Brachiopoda].

- _____ *inornata*. Weller. 347.
 _____ *törnquisti*. Wiman. 3494.

CANSEA n. gen. [Brachiopoda]. 3494.

- _____ *formosa*. Wiman. 3494.

CENTRONELLA [Brachiopoda].

- _____ ? *biplicata*. Weller. 3470.
 _____ ? *subrhomboides*. Weller. 3470.

CONSTELLARIA [Bryozoa].

- _____ *florida* var. *emaciata* n. Ulrich and Bassler. 3440.
 _____ *teres*. Ulrich and Bassler. 3440.

CRANAENA [Brachiopoda].

- _____ *subelliptica* var. *hardingei* n. var. Girty. 3001.

CRANIA [Brachiopoda].

- _____ *tetrica*. Böhm. 2840.
 _____ *turnbulli*. Reed. 3297.

CRISINELLA [Bryozoa].

- _____ *ocilensis*. Wiman. 3494.

Curticia n. gen. [Brachiopoda]. Walcott. 3451.

- _____ *elegantula*. Walcott. 3451.

Cyphotrypa n. gen. [Bryozoa]. Ulrich and Bassler. 3440.

- _____ *frankfortensis*. Ulrich and Bassler. 3440.
 _____ *wilmingtonensis*. Ulrich and Bassler. 3440.

CYRTINA [Brachiopoda].

- _____ *magnaplicata*. Weller. 3470.

DALMANELLA [Brachiopoda].

- _____ *postelegantula*. Weller. 3470.

- DERAYELLA** [Bryozoa].
 ——— *foliacea*. Ulrich and Bassler. 3440.
- DICELLOMUS** [Brachiopoda].
 ——— *appaluchia*. Walcott. 3451.
 ——— *parvus*. Walcott. 3451.
- DIDYMOSPIRA** [Brachiopoda].
 ——— *octoplicata*. Philipp. 3281.
 ——— *pachygaster*. Philipp. 3281.
 ——— *salomoni*. Philipp. 3281.
- DISCINA** [Brachiopoda].
 ——— *barentsi*. Böhm. 2840.
 ——— *loeschmanni*. Noetling. 3232.
- ELKANIA** [Brachiopoda].
 ——— *bellula*. Walcott. 3451.
- Eostrophomena** n. subgen. [Brachiopoda]. Walcott. 3451.
- ESCHAROPORA** [Bryozoa].
 ——— *siluriana*. Weller. 3470.
- EUDESIA** [Brachiopoda].
 ——— *zitteli*. Krumbeck. 3128.
- Finkelburgia** n. subgen. [Brachiopoda]. Walcott. 3451.
- GLAUCONOME** [Bryozoa].
 ——— *plumula*. Wiman. 3493.
- GYPIDULA** [Brachiopoda].
 ——— *angulata*. Weller. 3470.
- Heteronema** n. gen. [Bryozoa]. Ulrich and Bassler. 3439.
 ——— *capillare*. Ulrich and Bassler. 3439.
 ——— *carbonarium*. Ulrich and Bassler. 3439.
 ——— ? *contextum*. Ulrich and Bassler. 3439.
- HETEROTRYPA** [Bryozoa].
 ——— *parvulipora*. Ulrich and Bassler. 3440.
- HOMOTRYPELLA** [Bryozoa].
 ——— *nodosa*. Ulrich and Bassler. 3440.
- HYATTELLA** [Brachiopoda].
 ——— *lamellosa*. Weller. 3470.
- Iphidella** n. gen. [Brachiopoda]. Walcott. 3451.
 ——— *labradorica* var. *orientalis* n. var. Walcott. 3451.
 ——— *labradorica* var. *utahensis* n. var. Walcott. 3451.
 ——— *major*. Walcott. 3451.
 ——— *nisus*. Walcott. 3451.
 ——— *pannula* var. *maladensis* n. var. Walcott. 3451.
 ——— *pannula* var. *ophirensis* n. var. Walcott. 3451.

- Jamesella** n. subgen. [Brachiopoda]. Walcott. 3451.
- KINGENA** [Brachiopoda].
 ——— *latifrons*. Krumbeck. 3128.
 ——— *triangularis*. Krumbeck. 3128.
- KUTORGINA** [Brachiopoda].
 ——— *perugata*. Walcott. 3451.
 ——— *sardiniaensis*. Walcott. 3451.
- LINGULA** [Brachiopoda].
 ——— *bottnica*. Wiman. 3494.
 ——— *yarraensis* n. nom. Chapman. 2887.
- LIOCLEMA** [Bryozoa].
 ——— *monroei*. Ulrich and Bassler. 3440.
- Loperia** n. subgen. [Brachiopoda]. Walcott. 3451.
- MAGELLANIA** [Brachiopoda].
 ——— *parki*. Hutton. 3072.
- MARGINIFERA** [Brachiopoda].
 ——— *haydenensis*. Girty. 3001.
 ——— *ingrata*. Girty. 3001.
- MESOTRYPA** [Bryozoa].
 ——— *angularis*. Ulrich and Bassler. 3440.
 ——— *echinata*. Ulrich and Bassler. 3440.
- METAPLASIA** [Brachiopoda].
 ——— *plicata*. Weller. 3470.
- MONOTRYPA** [Bryozoa].
 ——— *corrugata*. Weller. 3470.
 ——— *globosa*. Weller. 3470.
- MONTICULIPORA** [Bryozoa].
 ——— *epidermata*. Ulrich and Bassler. 3440.
- Nisusia** n. gen. [Brachiopoda]. Walcott. 3451.
 ——— *amii*. Walcott. 3451.
 ——— *argenta*. Walcott. 3451.
 ——— *erecta*. Walcott. 3451.
 ——— *utahensis*. Walcott. 3451.
- OBOLELLA** [Brachiopoda].
 ——— *asiatica*. Walcott. 3451.
- OBOLUS** [Brachiopoda].
 ——— *acadica*. Walcott. 3451.
 ——— *alandensis*. Walcott. 3451.
 ——— *baltica*. Walcott. 3451.
 ——— *blackwelderi*. Walcott. 3451.
 ——— *chinensis*. Walcott. 3451.
 ——— *damesi*. Walcott. 3451.
 ——— *eros*. Walcott. 3451.
 ——— *iphis*. Walcott. 3451.
 ——— *ismene*. Walcott. 3451.

- RHIPIDOMELLA** [Brachiopoda].
 ——— *preoblata*. Weller. 3470.
- Rhombotrypa** n. gen. [Bryozoa].
 Ulrich and Bassler. 3440
- RHOPALONARIA** [Bryozoa].
 ——— *attenuata*. Ulrich and Bassler. 3439.
 ——— *keokukensis*. Ulrich and Bassler. 3439.
 ——— *medialis*. Ulrich and Bassler. 3439.
 ——— *robusta*. Ulrich and Bassler. 3439.
 ——— *tenuis*. Ulrich and Bassler. 3439.
- RHYNCHONELLA** [Brachiopoda]. *agglomerata*. Weller. 3470.
 ——— *aliena*. Rau. 3291.
 ——— *breviplicata*. Weller. 3470.
 ——— *buckmani*. Upton. 3441.
 ——— *caressae*. Philipp. 3281.
 ——— *deckerensis*. Weller. 3470.
 ——— *drusorum*. Krumbeck. 3128.
 ——— *granulata*. Upton. 3441.
 ——— *krammi* n. form. Benecke. 2820.
 ——— *persinuata*. Rau. 3291.
 ——— *richthofeni*. Philipp. 3281.
 ——— *rothpletzi*. Dacqué. 2914.
 ——— *somalica*. Dacqué. 2914.
 ——— *suessi*. Philipp. 3281.
 ——— *variabilis* mut. *major* n. mut. Rau. 3291.
 ——— mut. *minor* n. mut. Rau. 3291.
- RHYNCHOPORA** [Brachiopoda].
 ——— *beecheri*. Greger. 3019.
- RHYNCHOTRETA** [Brachiopoda].
 ——— *transversa*. Weller. 3470.
- Rustella** n. gen. [Brachiopoda]. Walcott. 3451.
 ——— *edsoni*. Walcott. 3451.
- SCHIZOPHORIA** [Brachiopoda].
 ——— *bisinuata*. Weller. 3470.
- Schuchertina** n. gen. [Brachiopoda].
 Walcott. 3451.
 ——— *cambria*. Walcott. 3451.
- SKENIDIUM** [Brachiopoda].
 ——— ? *nodocostatum*. Rowley. 3389.
- SPIRIFER** [Brachiopoda].
 ——— *howitti*. Chapman. 2887.
 ——— *nearpassi*. Weller. 3470.
 ——— *vanuxemi* var. *minor* n. var. Weller. 3470.
- SPIRIFERINA** [Brachiopoda].
 ——— *lindströmi*. Böhm. 2840.
 ——— *lundgreni*. Böhm. 2840.
- SPIRIGERA** [Brachiopoda].
 ——— *wissmanni* var. *angulata* n. var. Philipp. 3281.
- Stigmatella** n. gen. [Bryozoa].
 Ulrich and Bassler. 3440.
 ——— *crenulata*. Ulrich and Bassler. 3440.
 ——— *interporosa*. Ulrich and Bassler. 3440.
 ——— *nana*. Ulrich and Bassler. 3440.
 ——— *nicklesi*. Ulrich and Bassler. 3440.
 ——— *personata*. Ulrich and Bassler. 3440.
 ——— *spinosa*. Ulrich and Bassler. 3440.
- STOMATOPORA** [Bryozoa].
 ——— *gregoryi*. Lang. 3134.
 ——— *richardsoni*. Lang. 3134.
- STROPHEODONTA** [Brachiopoda].
 ——— *argentina*. Thomas. 3416.
- STROPHOMENA** [Brachiopoda].
 ——— *elegantula*. Walcott. 3451.
 ——— ? *mediocostalis*. Reed. 3297.
- Swantonina** n. gen. [Brachiopoda].
 Walcott. 3451.
 ——— *iceeksi*. Walcott. 3451.
- SYNTROPHIA** [Brachiopoda].
 ——— *abnormis*. Walcott. 3451.
 ——— *alata*. Walcott. 3451.
 ——— *billingsi*. Walcott. 3451.
 ——— *nundina*. Walcott. 3451.
 ——— *orientalis*. Walcott. 3451.
 ——— *orthia*. Walcott. 3452.
 ——— *primordialis* var. *argia* n. var. Walcott. 3451.
 ——— *rotundata*. Walcott. 3451.
 ——— *texana*. Walcott. 3451.
 ——— var. *laeviusculus* n. var. Walcott. 3451.
- TEREBRATELLA** [Brachiopoda].
 ——— *kakanuiensis*. Hutton. 3072.
 ——— *neglecta*. Hutton. 3072.
 ——— *oamarutica*. Boehm. 2836.
- TEREBRATULA** [Brachiopoda].
 ——— *asiatica*. Krumbeck. 3128.
 ——— *beirutiana*. Krumbeck. 3128.
 ——— *curtirostris*. Krumbeck. 3128.
 ——— *degenerata*. Upton. 3441.
 ——— *longisinuata*. Krumbeck. 3128.

- TEREKERATULA** [Brachiopoda].
 — *margaritata*. Rau. 3291.
 — *mutilata*. Upton. 3441.
 — *samaritica*. Boehm. 2836.
 — *phoeniciana*. Krumbeck. 3128.
 — *sarriana*. Krumbeck. 3128.
 — *solidirostris*. Rau. 3291.
 — *spinata*. Rau. 3291.
 — *teres*. Böhm. 2840.
TEREKERATULINA [Brachiopoda].
 — *samaritica*. Boehm. 2836.
THAMNISCUS [Bryozoa].
 — *oreus*. Wiman. 3493.
THECIDEA [Brachiopoda].
 — *parva*. Rau. 3291.
THEMATIS [Brachiopoda].
 — *multistriata*. Reed. 3297.
VINELLA [Bryozoa].
 — ? *multiradiata*. Ulrich and Bassler. 3440.
WALDHEIMIA [Brachiopoda].
 — *concoloria*. Rau. 3291.
 — *schlosseri*. Daqué. 2914.
WILSONIA [Brachiopoda].
 — *globosa*. Weller. 3470.
ZYGOSPIRA [Brachiopoda].
 — *hicki*. Reed. 3297.
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ACANTHOCERAS [Cephalopoda].
 — *palaestinense*. Blanckenhorn. 2831.
 — *pfeili*. Walther. 3454.
Acanthopecten n. subgen. [Pelecypoda].
 Girty. 3001.
ACVABA [Gastropoda].
 — *cerrilloensis*. Johnson. 3094.
ACME [Gastropoda].
 — *callosiuscula*. Andreae. 2790.
ACTEONINA [Gastropoda].
 — *elongata*. Blake. 2830.
ACTINOPTERIA [Pelecypoda].
 — *reticulata*. Weller. 3470.
 — *sola*. Clarke. 2895.
ADMETOPHIS [Gastropoda].
 — ? *elevata*. Johnson. 3004.
ALARIA [Gastropoda].
 — *bicornis*. Blake. 2830.
 — *palmata*. Blake. 2830.
- ALCOULITOCERAS** [Cephalopoda].
 — *pompili n. form.* 2870.
AMALIA [Pelecypoda].
 — *oppositissima*. Auden.
AMANTHUS [Gastropoda].
 — *alibi*. Blackden. 1
AMANTHUS [Pelecypoda].
 — *papilionacea*. Clark
AMISOCARMA [Pelecypoda].
 — *magari*. Oppenheim
AMOPARA [Pelecypoda].
 — *serbaki*. Boehm. 1
 — *windthorsti*. Boehm
AMPHLOMERA [Pelecypoda].
 — *ephippium*. Böhm.
ANTHRADOMA [Pelecypoda].
 — ? *fritschii*. Schmidt.
ASPHILLITES [Cephalopoda].
 — *fresh*. Tokarensko.
APTIXELLA [Gastropoda].
 — *lineata*. Blake. 2831
ARCA [Pelecypoda].
 — *stanfordi*. Newton.
 — *figarii*. Oppenheim.
 — *madridensis*. Johnson.
 — *ruessgeri*. Oppenheim.
 3243.
 — *saidensis*. Oppenheim.
 — *subplanicosta*. Oppenheim.
 3243.
 — *tethys*. Oppenheim.
 — *turnbulli*. Reed. 324
 — *uniformis*. Oppenheim.
 3243.
ASHMUELLA [Gastropoda].
 — *thompsoniana*: *perosom*
 subsp. Cockerell.
Asmunda n. subgen. [Gastropoda].
 Dall and Bartsch. 1
ASPIDOCERAS [Cephalopoda].
 — *argobbae*. Daqué. 2
 — *irregularis*. Daqué.
 — *somalicum*. Daqué.
 — *supraspinosum*. Daqué.
 2914.
ASTARTE [Pelecypoda].
 — *latharingia* n.
 Benecke. 2820.
 — *nicholsi* n. form. Ben
 2820.
AUCILLA [Pelecypoda].
 — *strongi*. Johnson. 304

AVICULA [Pelecypoda].

- *bittneri*. Böhm. 2840.
 —— *mulatae*. Dacqué. 2914.
 —— *torelli*. Böhm. 2840.

AVICULOPECTEN [Pelecypoda].

- *janischevsky*. Tokarenko. 3419.
 —— *tenuistriatus*. Böhm. 2840.

BADIOTELLA [Pelecypoda].

- *excellens*. Philipp. 3281.

BAKEWELLIA [Pelecypoda].

- *ursina*. Böhm. 2840.

Baldra n. subgen. [Gastropoda].

Dall and Bartsch. 2919.

BELEMNITES [Cephalopoda].

- *abeli*. Vetters. 3450.
 —— *fellabrunnensis*. Vetters. 3450.
 —— *minaretoides*. Vetters. 3450.
 —— *redivivus*. Blake. 2830.

BELLEROPHON [Gastropoda].

- *denckmanni*. Clarke. 2895.
 —— *koeneni*. Clarke. 2895.

BEMBEXIA [Gastropoda]

- *groomi*. Donald. 2931.

Besla n. subgen. [Gastropoda].

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BITTIUM [Gastropoda].

- *pingue*. Blake. 2830.

BOCHIANITES [Cephalopoda].

- *versteeghi*. Boehm. 2835.
 —— *weteringi*. Boehm. 2835.

BUCHIOLA [Pelecypoda].

- *angolensis*. Clarke. 2895.
 —— *conversa*. Clarke. 2895.
 —— *halli*. Clarke. 2895.
 —— *? litoniae*. Clarke. 2895.
 —— *lupina*. Clarke. 2895.
 —— *scabrosa*. Clarke. 2895.
 —— *stuproa*. Clarke. 2895.

BULIMORPHA [Gastropoda].

- *? helderbergiae*. Weller. 3470.

CADO CERAS [Cephalopoda].

- *breve*. Blake. 2830.

Caducifer n. sect. [Gastropoda].

Dall. 2918.

Callolongchaus n. subgen. [Gastropoda].

Dall and Bartsch. 2919.

CALLONEMA [Gastropoda].

- *filosum*. Clarke. 2895.

CALYPTRAEA [Gastropoda].

- *nigeriensis*. Newton. 3226.

CAMPANILE [Gastropoda].

- *somaliensis*. Newton. 3225.

CANCELLARIA [Gastropoda].

- *bifoliata*. Aldrich. 2782.

CAPULUS [Gastropoda].

- *bilateralis*. Blaschke. 2832.

CARDIOMORPHA [Pelecypoda].

- *obliquata*. Clarke. 2895.

CARDITA [Pelecypoda].

- *blanckenhorni*. Oppenheim. 3243.
 —— *canis*. Oppenheim. 3243.
 —— *chmeietensis*. Oppenheim. 3243.
 —— *fajumensis*. Oppenheim. 3243.
 —— *fraasi*. Oppenheim. 3243.
 —— *hofana*. Oppenheim. 3243.
 —— *lalemarensis*. Philipp. 3281.
 —— *mokattamensis*. Oppenheim. 3243.
 —— *mosis*. Oppenheim. 3243.
 —— *neutoni*. Oppenheim. 3243.
 —— *paroxyta*. Oppenheim. 3243.
 —— *pharaonum*. Oppenheim. 3243.
 —— *russeggeri*. Oppenheim. 3243.
 —— *sanurensis*. Oppenheim. 3243.
 —— *schweinfurthi*. Oppenheim. 3243.

CARDIUM [Pelecypoda].

- *desertorum*. Oppenheim. 3243.
 —— *melvilli*. Newton. 3223.

CARINAROPSIS [Gastropoda].

- *ithagenia*. Clarke. 2895.

CARYCHIUM [Gastropoda].

- *bermudense*. Gulick. 3024.

CASSIANELLA [Pelecypoda].

- *ecki*. Böhm. 2837.
 —— *rosenbuschi*. Philipp. 3281.
 —— *tectiformis*. Böhm. 2840.

CATULLOCERAS [Cephalopoda].

- *psamminum*. Buckman. 2871.

CERATITES [Cephalopoda].

- *rombergi*. Philipp. 3281.

CERITHINELLA [Gastropoda].

- *biserialis*. Blake. 2830.

CERITHIUM [Gastropoda].

- *dichachondratum* n. nom. Deninger. 2928.

DUMORTIERA [Cephalopoda].

- *exigua*. Buckman. 2871.
 ————— *explanata*. Buckman. 2871.
 ————— *inclusa*. Buckman. 2871.
 ————— *kochi*. Benecke. 2820.
 ————— *lata*. Buckman. 2871.
 ————— *linearis*. Buckman. 2871.
 ————— *multicostata*. Buckman. 2871.
 ————— *mutans*. Buckman. 2871.
 ————— *nichlesi* n. nom. Benecke. 2820.
 ————— *novata*. Buckman. 2871.
 ————— *pauciseptata*. Buckman. 2871.
 ————— *regularis*. Buckman. 2871.
 ————— *subfasciata*. Buckman. 2871.
 ————— *subsolaris*. Buckman. 2871.
 ————— *tabulata*. Buckman. 2871.

ECOYLIMPHALUS [Gastropoda].

- *subelliptica*. Weller. 3470.

EDMONDIA [Pelecypoda].

- ? *deckerensis*. Weller. 3470.

Egila n. subgen. [Gastropoda].

- Dall and Bartsch. 2919.

Elasmatium n. gen. [Pelecypoda].

- Clarke. 2895.

- *goirandense*. Clarke. 2895.

EMMERICIA [Gastropoda].

- *francofurtana* n. form.
 ————— Boettger. 2841.

ENDOCOSTEA [Pelecypoda].

- *brooksi*. Johnson. 3094.

Entogonites n. nom. [Cephalopoda].

- Kittl. 3112.

EUCONULUS [Gastropoda].

- *turbinatus*. Gulick. 3024.

Eugyrina n. nom. [Gastropoda].

- Dall. 2918.

EULIMA [Gastropoda].

- *extricata*. Blake. 2830.
 ————— *lachryma*. Blake. 2830.

EUMORPHOTIS [Pelecypoda].

- *artus*. Böhm. 2840.
 ————— *vagans*. Böhm. 2840.
 ————— *variabilis*. Böhm. 2840.

EUOMPHALUS [Gastropoda].

- *planus*. Read. 3292.

Evalina n. subgen. [Gastropoda].

- Dall and Bartsch. 2919.

FASCIOLARIA [Gastropoda].

- *crookiana*. Whitfield. 3478.

FISSURIDEA [Gastropoda].

- *infrequens*. Aldrich. 2782.

Floyda n. gen. [Gastropoda]. Webster. 3465.

- *concentrica*. Webster. 3465.

Folinella n. subgen. [Gastropoda].

- Dall and Bartsch. 2919.

FONTANNESIA [Cephalopoda].

- *aurita*. Buckman. 2871.
 ————— *concentrica*. Buckman. 2871.
 ————— *despecta*. Buckman. 2871.
 ————— *obruta*. Buckman. 2871.

Frombachia n. gen. [Gastropoda].

- Blaschke. 2832.

- *uhligi*. Blaschke. 2832.

GERVILLEIA [Pelecypoda]

- *bennetti*. Böhm. 2840.
 ————— ? *ferruginea*. Benecke. 2820.
 ————— *loewenighi*. Böhm. 2840.
 ————— *nordenskiöldii*. Böhm. 2840.
 ————— *spinosa*. Linstow. 3148.
 ————— *trigona*. Yokoyama. 3519.

GLYPHIOCERAS [Cephalopoda].

- *divaricatum*. Hind. 3047.

GONIOSTROPHA [Gastropoda].

- *cambria*. Donald. 2931.

GONODON [Pelecypoda].

- *modestus*. Böhm. 2840.

GRYPHAEA [Pelecypoda].

- *gregoryi*. Newton. 3225.
 ————— *keilhau*. Böhm. 2840.
 ————— *pharaonum*. Oppenheim. 3243.
 ————— *skuld*. Böhm. 2840.

Haldra n. subgen. [Gastropoda].

- Dall and Bartsch. 2919.

Hallotimorpha n. gen. [Gastropoda].

- Blaschke. 2832.

- *dieneri*. Blaschke. 2832.

HAMMATOCERAS [Cephalopoda].

- *lotharingicum*. Benecke. 2820.

HARPOCERAS [Cephalopoda].

- *accrescens*. Wunstorff. 3517.
 ————— *dispanisforme*. Wunstorff. 3517.
 ————— *grandjeani* n. form. Benecke. 2820.
 ————— *hinsbergi* n. form. Benecke. 2820.
 ————— *ikianum*. Yokoyama. 3519.
 ————— *subfalciferum*. Wunstorff. 3517.

Heida n. subgen. [Gastropoda].

- Dall and Bartsch. 2919.

HELICOCRYPTUS [Gastropoda].

- *orsus*. Blake. 2830.

- HETEROGYNA** [Gastropoda].
 — *kokeni*, Blaschke, 2832.
- HILDOGYNAS** [Cephalopoda].
 — *comense* var. *evoluta* n. var.
 Rens. 3313.
 — — var. *multicostata* n. var.
 Rens. 3313.
 — — *marconi* var. *hellenica* n. var.
 Rens. 3313.
- HIMALAYITES** [Cephalopoda].
 — *nederburgii*, Boehm. 2835.
 — *treubi*, Boehm. 2835.
- HOLOGYNA** [Gastropoda].
 — *capitensis*, Blaschke, 2832.
 — *tecapitana*, Blaschke, 2832.
- HOMOMYA** [Pelecypoda].
 — *ferbergii*, Böhm. 2840.
- HOMOCYCA** n. gen. [Pelecypoda]. Clarke.
 — *deemata*, Clarke, 2895.
 — *erinacea*, Clarke, 2895.
 — *major*, Clarke, 2895.
 — *simplex*, Clarke, 2895.
 — *styliophila*, Clarke, 2895.
- HOPLITES** [Cephalopoda].
 — *asseni*, Boehm. 2835.
 — *rooseboomii*, Boehm. 2835.
- HYDATINA** [Gastropoda].
 — *limitata*, Blake, 2830.
 — *magnifica*, Blake, 2830.
- HYGROMYA** [Gastropoda].
 — *neudorfensis*, Andreae, 2790.
- HYOLITHES**
 — *cybele*, Walcott, 3452.
 — *daphnia*, Walcott, 3452.
 — *delia*, Walcott, 3452.
- ISOGERANUS** [Pelecypoda].
 — *frechi*, Flegel, 2972.
 — *glazias*, Flegel, 2972.
 — *irregularis*, Johnson, 3094.
- IPHISMA** n. subgen. [Gastropoda].
 Dall and Bartsch, 2919.
- ISOGARDIA** [Pelecypoda].
 — *eljasensis*, Krumbeck, 3128.
 — *vorax*, Oppenheim, 3243.
- IVIDIA** n. subgen. [Gastropoda].
 Dall and Bartsch, 2919.
- KOCHIA** [Pelecypoda].
 — *ungula*, Clarke, 2895.
- KOCHITES** [Cephalopoda].
 — ? *staffi*, Prinz, 3289.
- LANCELLA** n. subgen. [Gastropoda].
 Dall and Bartsch, 2919.
- LATIRUS** [Gastropoda].
 — *elaboratus*, Aldrich, 2782.
- LEDA** [Pelecypoda].
 — *medusa*, Borisjak, 2843.
 — *preudeli*, Andrusov, 2794.
- LEPETOPSIS** [Gastropoda].
 — *aspera*, Blaschke, 2832.
 — *zitteli*, Blaschke, 2832.
- LEPTODOMUS** [Pelecypoda].
 — *interplicatus*, Clarke, 2895.
 — *multipler*, Clarke, 2895.
- LIMA** [Pelecypoda].
 — *acutirostris*, Krumbeck, 3128.
 — *biarata*, Böhm, 2840.
 — *coelestini*, Oppenheim, 3243.
 — *costicillata*, Petrascheck, 3280.
 — *densistriata*, Krumbeck, 3128.
 — *ferruginea*, Banerko, 2820.
 — *harrowia*, Daqué, 2914.
 — *informis*, Krumbeck, 3128.
 — *libanensis*, Krumbeck, 3128.
 — *mohattamensis*, Oppenheim, 3243.
 — *ramae*, Oppenheim, 3243.
 — *ripi*, Böhm, 2840.
 — *schreinferthi*, Oppenheim, 3243.
 — *striatoides*, Böhm, 2840.
 — *sublaeviuscula*, Krumbeck, 3128.
 — *moenanderi*, Böhm, 2840.
 — *senobiae*, Krumbeck, 3128.
- LIMAX** [Gastropoda].
 — *excoatus*, Andreae, 2790.
- LIMOPSIS** [Pelecypoda].
 — *thebaica*, Oppenheim, 3243.
- LIOTINA** [Gastropoda].
 — *somaliensis*, Newton, 3225.
- LITHODOMUS** [Pelecypoda].
 — *fraasi*, Oppenheim, 3243.
 — *inustus*, Oppenheim, 3243.
 — *lorioli*, Krumbeck, 3128.
 — *mohattamensis*, Oppenheim, 3243.
 — *sumoffeni*, Krumbeck, 3128.
- LITTORINA** [Gastropoda].
 — *pectinata* n. nom. Deninger, 2924.
- LOIXONEMA** [Gastropoda].
 — *danai*, Clarke, 2895.
 — *grindrodi*, Donald, 2930.
 — *jorseyensis*, Weller, 3470.

LOXONEMA [Gastropoda].

- *multiplicatum*. Clarke. 2895.
 ——— *netschaeui*. Tokarenko. 3419.
 ——— *pseudofasciatum*. Donald. 2930.

LOXOPTERIA [Pelecypoda].

- *corrugata*. Clarke. 2895.
 ——— *intumescens*. Clarke. 2895.
 ——— *vasta*. Clarke. 2895.

LUCINA [Pelecypoda].

- *blanckenhorni*. Oppenheim. 3243.
 ——— *calliste*. Oppenheim. 3243.
 ——— *corpusculum*. Oppenheim. 3243.
 ——— *daedalea*. Oppenheim. 3243.
 ——— *edita*. Oppenheim. 3243.
 ——— *fajumensis*. Oppenheim. 3243.
 ——— *fourtaui*. Oppenheim. 3243.
 ——— *immanis*. Oppenheim. 3243.
 ——— *mokattamensis*. Oppenheim. 3243.
 ——— *nokbaensis*. Oppenheim. 3243.
 ——— *polythele*. Oppenheim. 3243.
 ——— *qurnaensis*. Oppenheim. 3243.
 ——— *rai*. Oppenheim. 3243.
 ——— *sasostridis*. Oppenheim. 3243.
 ——— *sub-caillati*. Oppenheim. 3243.

LUNULICARDIUM [Pelecypoda].

- *absegmen*. Clarke. 2895.
 ——— *accola*. Clarke. 2895.
 ——— *beushauseni*. Clarke. 2895.
 ——— *clymeniae*. Clarke. 2895.
 ——— *encrinitum*. Clarke. 2895.
 ——— *enode*. Clarke. 2895.
 ——— *erienne*. Clarke. 2895.
 ——— *finitimum*. Clarke. 2895.
 ——— *furcatum*. Clarke. 2895.
 ——— *hemiacardioides*. Clarke. 2895.
 ——— *libum*. Clarke. 2895.
 ——— *parunculus*. Clarke. 2895.
 ——— *pilosum*. Clarke. 2895.
 ——— *sodale*. Clarke. 2895.
 ——— *suppar*. Clarke. 2895.
 ——— ? *transversale*. Clarke. 2895.
 ——— *velatum*. Clarke. 2895.
 ——— *iciscoyense*. Clarke. 2895.

Lysacme n. subgen. [Gastropoda].

Dall and Bartsch. 2919.

MACROCHILINA [Gastropoda].

- *pygmaea*. Clarke. 2895.
 ——— *seneca*. Clarke. 2895.

MACRODON [Pelecypoda].

- *buchi*. Böhm. 2840.
 ——— *dunéri*. Böhm. 2840.
 ——— *rufae*. Dacqué. 2914.

MACROCEPHALITES [Cephalopoda].

- *huddlestoni*. Blake. 2830.
 ——— *typicus*. Blake. 2830.

MACTRA [Pelecypoda].

- *mekranensis*. Newton. 3223.

Maculotriton n. sect. [Gastropoda].
Dall. 2918.**MAGILUS** [Gastropoda].

- *grandis*. Tornquist. 3427.

MEGALODON [Pelecypoda].

- *poolei*. Böhm. 2840.
 ——— *rotundatus*. Böhm. 2840.

Megalytoceras n. gen. [Cephalopoda].
Buckman. 2870.**MEGAMBONIA** [Pelecypoda].

- *parva*. Weller. 3470.

MELANOPSIS [Gastropoda].

- *mucronifera*. Kormos. 3125.
 ——— *sublanceolata*. Kormos. 3125.
 ——— *szontaghi*. Kormos. 3125.

Milda n. subgen. [Gastropoda].

Dall and Bartsch. 2919.

MITRA [Gastropoda].

- *hectori*. Hutton. 3071.

MODIOLA [Pelecypoda].

- *amphitrite*. Krumbeck. 3128.
 ——— *kochi* n. form. Benecke. 2820.
 ——— *subangustissima*. Dacqué. 2914.

MODIOLARIA [Pelecypoda].

- *fraasi*. Oppenheim. 3243.

MODIOLOPSIS [Pelecypoda].

- *depressa*. Weller. 3470.
 ——— *jerseyensis*. Weller. 3470.
 ——— *martini*. Reed. 3297.
 ——— *subgradata*. Reed. 3297.

Monostiolum n. sect. [Gastropoda].
Dall. 2918.**MURCHISONIA** [Gastropoda].

- *devonica*. Tokarenko. 3419.
 ——— *karpinskii*. Tokarenko. 3419.
 ——— *tschernyschewi*. Tokarenko. 3419.

MYOPHORIA [Pelecypoda].

- *urd*. Böhm. 2840.

MYSIDIOPTERA [Pelecypoda].

- *buchi*. Böhm. 2840.

MYTILARCA [Pelecypoda].

_____ *obliqua*. Weller. 3470.

MYTILUS [Pelecypoda].

- _____ *alatus*. Krumbeck. 3128.
 _____ *antonii*. Oppenheim. 3243.
 _____ *cleopatrae*. Oppenheim. 3243.
 _____ *diepenheimi*. Boehm. 2835.
 _____ *eduliformis*. Benecke. 2820.
 _____ *thebicus*. Oppenheim. 3243.

Nannolytoceras n. gen. [Cephalopoda].
 Buckman. 2870.

Nathorstites n. gen. [Cephalopoda].
 Böhm. 2840.

- _____ *globosus*. Böhm. 2840.
 _____ *lindeströmi*. Böhm. 2840.
 _____ *mojarari*. Böhm. 2840.

NATICA [Gastropoda].

- _____ *dido*. Krumbeck. 3128.
 _____ *mylitta*. Krumbeck. 3128.
 _____ *placensis* n. nom. Deninger.
 2924.

NATICOPSIS [Gastropoda].

- _____ *magnifica*. Webster. 3467.
 _____ *uralica*. Tokarenko. 3419.

NAUTILUS [Cephalopoda].

- _____ *bisulcatus*. Dacqué. 2914.
 _____ *emianus*. Dacqué. 2914.
 _____ *turcius*. Krumbeck. 3128.

NEPTUNEA [Gastropoda].

- _____ *burroisi*. Newton. 3223.

NERINAEA [Gastropoda].

- _____ *dimidiata*. Blake. 2830.

NERINEA [Gastropoda].

- _____ *marci*. Krumbeck. 3128.
 _____ *pumilipecta*. Krumbeck.
 3128.
 _____ *sesostris*. Krumbeck. 3128.

NERITA [Gastropoda].

- _____ *litoralis*. Krumbeck. 3128.

NERITINA [Gastropoda].

- _____ *oxotropida*. Andrusov. 2794.

Nipponites n. gen. [Cephalopoda].

- _____ Yabe. 3518.
 _____ *mirabilis*. Yabe. 3518.

NUCULA [Pelecypoda].

- _____ ? *circuliformis*. Borisiak.
 2843.
 _____ *kowalewskensis*. Borisiak.
 2843.
 _____ *lola*. Borisiak. 2843.
 _____ *magi*. Borisiak. 2843.
 _____ *moeridis*. Oppenheim. 3243.
 _____ *nina*. Borisiak. 2843.
 _____ *sana*. Borisiak. 2843.

NUCULA [Pelecypoda].

_____ ? *symmetrica*. Borisiak.
 2843.

_____ *taliabutica*. Boehm. 2835.

_____ *triangularis*. Böhm. 2835.

ODOSTOMIA [Gastropoda].

_____ *callipyrga* n. nom.
 Dall and Bartsch. 2905.

OENOTRAUSTES [Cephalopoda].

_____ *costiger*. Buckman. 2870.
 _____ *nodifer*. Buckman. 2870.

Ontaria n. gen. [Pelecypoda]. Clarke.
 2895.

_____ *accincta*. Clarke. 2895.

_____ *affiliata*. Clarke. 2895.

_____ *halli*. Clarke. 2895.

ONUSTUS [Gastropoda].

_____ *dronicus*. Tokarenko. 3419.

Onychocardium n. gen. [Pelecypoda].
 Whitfield. 3477.

_____ *portlandicum*. Whitfield.
 3477.

Onychoceras n. gen. [Cephalopoda].
 Wunstorf. 3517.

_____ *differeus*. Wunstorf. 3517.

Orinella n. subgen. [Gastropoda].
 Dall and Bartsch. 2905.

ORTHOCERAS [Cephalopoda].

_____ *acutum*. Hind. 3047.
 _____ *pontiaca*. Clarke. 2895.

ORTHODESMA [Pelecypoda].

_____ *semiradiata*. Reed. 3243.

ORTHOTHECA.

- _____ *cyrene*. Walcott. 3452.
 _____ var. *dryas* n. var. Walcott.
 3452.
 _____ *daudis*. Walcott. 3452.
 _____ *delphus*. Walcott. 3452.
 _____ *doris*. Walcott. 3452.

OSTREA [Pelecypoda].

- _____ *akkabensis*. Krumbeck.
 3128.
 _____ *anomioidea* var. *nana* n. sp.
 Johnson. 3094.
 _____ *bristori*. Richardson. 3243.
 _____ *kakurensis*. Krumbeck.
 3128.
 _____ *menlar*. Oppenheim. 3243.
 _____ *prae cochlear*. Oppenheim.
 3243.
 _____ *recta*. Oppenheim. 3243.
 _____ *whithousei*. Oppenheim.
 3243.

OVULA [Gastropoda].

_____ *symmetrica*. Aldrich. 2843.

- OXYNOTICERAS** [Cephalopoda].
 ——— *compressum*. Benecke. 2820.
- PACHYERISMA** [Pelecypoda].
 ——— *blanckenhorni*. Krumbeck. 3128.
- Pachylitoceras** n. gen. [Cephalopoda].
 ——— Buckman. 2870.
 ——— *aalenianum*. Buckman. 2870.
 ——— *phylloceratoides*. Buckman. 2870.
- PALAEANODONTA** [Pelecypoda].
 ——— *ernae*. Schmidt. 3342.
 ——— *faba*. Schmidt. 3342.
 ——— *petraschecki*. Schmidt. 3342.
 ——— *sophiae*. Schmidt. 3342.
- PALAEONARICA** [Gastropoda].
 ——— *hologyriformis*. Blaschke. 2832.
 ——— *kittli*. Blaschke. 2832.
- PALAEONEILO** [Pelecypoda].
 ——— *amygdala*. Borisĭak. 2843.
 ——— *bittneri*. Borisĭak. 2843.
 ——— *brevicula*. Clarke. 2895.
 ——— *choroschoicensis*. Borisĭak. 2843.
 ——— *linguata*. Clarke. 2895.
 ——— *lunaris*. Böhm. 2840.
 ——— *muricata*. Clarke. 2895.
 ——— *petila*. Clarke. 2895.
 ——— *tobieseni*. Böhm. 2840.
 ——— *volgensis*. Borisĭak. 2843.
- PANOPEA** [Pelecypoda].
 ——— *sahariensis*. Newton. 3226.
- PARACARDIUM** [Pelecypoda].
 ——— *delicatulum*. Clarke. 2895.
- Paralagena** n. nom. [Gastropoda].
 ——— Dall. 2918.
- Parapalaeonarica** n. subgen. [Gastropoda].
 ——— Blaschke. 2832.
- Paraptyx** n. gen. [Pelecypoda]. Clarke. 2895.
 ——— *ontario*. Clarke. 2895.
- PATELLA** [Gastropoda].
 ——— *altissima* n. form. Blaschke. 2832.
 ——— *granulata* var. *globosa* n. var. Blaschke. 2832.
 ——— *magna*. Read. 3292.
 ——— *radians*. Read. 3292.
 ——— *scutelliformis*. Blaschke. 2832.
- PECTEN** [Pelecypoda].
 ——— *broilii*. Philipp. 3281.
 ——— *cailliaudi*. Oppenheim. 3243.
 ——— *cairensis*. Oppenheim. 3243.
 ——— *cristatus* var. *mediterraneus* n. var. Gaál. 2989.
 ——— *damesi*. Böhm. 2840.
 ——— *erlangeri*. Dacqué. 2914.
 ——— *fassaensis*. Philipp. 3281.
 ——— *hilli*. Hutton. 3071.
 ——— *kalkorakyi*. Petrascheck. 3280.
 ——— *lykosensis*. Krumbeck. 3128.
 ——— *palmiyrensis*. Krumbeck. 3128.
 ——— *predazzensis*. Philipp. 3281.
 ——— *pseudopriscus*. Rzehak. 3331.
 ——— *subminutus*. Aldrich. 2782.
- PECTENOULUS** [Pelecypoda].
 ——— *aegyptiacus*. Oppenheim. 3243.
 ——— *pyramidarum*. Oppenheim. 3243.
- PERISPHINCTES** [Cephalopoda].
 ——— *arussiorum*. Dacqué. 2914.
 ——— *choffati*. Dacqué. 2914.
 ——— *flagellans*. Blake. 2830.
 ——— *gallarum*. Dacqué. 2914.
 ——— *reniformis*. Velters. 3450.
- PERNA** [Pelecypoda].
 ——— *rikuzenica*. Yokoyama. 3519.
- PHAENODESMIA** [Pelecypoda].
 ——— *dorogomilowensis*. Borisĭak. 2843.
 ——— *nikitini*. Borisĭak. 2843.
- PHOLADOMYIA** [Pelecypoda].
 ——— *franciscæ*. Böhm. 2840.
- PHRAGMOSTOMA** [Gastropoda].
 ——— *chautauquæ*. Clarke. 2895.
- Phrygiomurex** n. sect. [Gastropoda].
 ——— Dall. 2918.
- Phryx** n. subgen. [Gastropoda].
 ——— Blaschke. 2832.
- PHYLLOCERAS** [Cephalopoda].
 ——— *salima*. Krumbeck. 3128.
- PINNA** [Pelecypoda].
 ——— *ecki*. Picard. 3282.
 ——— *heeri*. Böhm. 2840.
 ——— *lima*. Böhm. 2840.
- PLACENTICERAS** [Cephalopoda].
 ——— ? *intermedium*. Johnson. 3094.
 ——— ? *rotundatum*. Johnson. 3094.

- PLATYCEPHALUS** [Gastropoda].
 — *chronus*. Walcott. 3452.
 — *clarkii*. Thomas. 3416.
 — *elytia*. Walcott. 3452.
 — *columbiana*. Weller. 3470.
 — *pagoda*. Walcott. 3452.
- PLATYCHILINA** [Gastropoda].
 — *subpustulosa*. Blaschke. 2832.
- PLATYOSTOMA** [Gastropoda].
 — *nearpassi*. Weller. 3470.
- PLATYSTOMA** [Gastropoda].
 — *uralensis*. Tokarenko. 3419.
- PLATYSTOMA** [Gastropoda].
 — *antiqua*. Webster. 3467.
- PLEURONAUTILUS** [Cephalopoda].
 — *costatus*. Hind. 3046.
 — *kokeni*. Noetling. 3232.
- PLEURONOTUS** [Pelecypoda].
 — *andersoni*. Böhm. 2840.
 — *perlongue*. Böhm. 2840.
- PLEUROTOMA** [Gastropoda].
 — *caasyi*. Aldrich. 2782.
 — *hamiltoni*. Hutton. 3071.
- PLEUROTOMARIA** [Gastropoda].
 — *capillaria cognata* n. mut. Clarke. 2895.
 — *ciliata*. Clarke. 2895.
 — *debilis*. Blake. 2830.
 — *devonica*. Tokarenko. 3419.
 — *genundeva*. Clarke. 2895.
 — *itylus*. Clarke. 2895.
 — *kaymeri*. Tokarenko. 3419.
 — *neosoloturina*. Daqué. 2914.
 — *roemeri*. Tokarenko. 3419.
- PLICATOLA** [Pelecypoda].
 — *schweinfurthi*. Oppenheim. 3243.
 — *variolosa*. Oppenheim. 3243.
- POECILOZONITES** [Gastropoda].
 — *cupula*. Gulick. 3024.
 — *dalli*. Gulick. 3024.
 — *nelsoni* var. *callosus* n. var. Gulick. 3024.
- Polygyrata** n. gen. [Gastropoda].
 — *sinistra*. Weller. 3470.
- Polytropina** n. gen. [Gastropoda].
 — *Donald*. 2931.
- PORIDONTA** [Pelecypoda].
 — *marcellensis*. Clarke. 2895.
 — *ornata* var. *nitidula* n. var. Clarke. 2895.
- PORIDONTOMYA** [Pelecypoda].
 — ? *plana*. Philipp. 3281.
- PRADARNICH** [Pelecypoda].
 — *mollatus*. Clarke. 2891.
 — *multicostatus*. Clarke. 1
- PROMATHILDA** [Gastropoda].
 — *minima*. Blaschke. 2
 — *parva*. Böhm. 2840.
- PROKOTILLA** [Pelecypoda].
 — *litharingica*. Blaschke. 1
 — *spanieri*. Blaschke. 28
- Protopistalis** n. gen. [Gastropoda].
 — *Clarke*. 2895.
- Pseudangustum** [Pelecypoda].
 — *huttoni*. Park. 3264.
- Pseudonacotis** [Pelecypoda].
 — *bittneri*. Philipp. 3281.
 — *spitzbergensis*. Böhm. 2
- Pseudoscalites** [Gastropoda].
 — *collariatus*. Read. 329
 — *paucastratus*. Read. 3
 — *wilhelmii*. Blaschke. 2
- Pseudotrematella** n. gen. [Gastropoda].
 — *Andree*. 2790.
 — *pretiosa*. Andree. 271
- Pseudovirgatites** n. subgen. [Cephalopoda].
 — *Vetter*. 3461
- PTERIA** [Pelecypoda].
 — *gautina*. Woods. 3504
 — *haldonensis*. Woods. 3
- Pterochaonia** n. gen. [Pelecypoda].
 — *Clarke*. 2895.
 — *cushaguae*. Clarke. 28
 — *elmensis*. Clarke. 2895
 — *fragilis* var. *orbicularis*
 var. Clarke. 2895.
 — *perissa*. Clarke. 2895.
 — *sinuosa*. Clarke. 2895
 — *uctensis*. Clarke. 289
- PTYCHOMPHALUS** [Gastropoda].
 — *gracilis*. Read. 3292.
- PTYCHOPTERIA** [Pelecypoda].
 — *subquadrata*. Weller. 3
- PUNCTUM** [Gastropoda].
 — *propygmaceum*. And
 2790.
- PTIPA** [Gastropoda].
 — *lomnickii*. Friedberg. 2
- PURPURINA** [Gastropoda].
 — *broitii*. Read. 3292.
- PURPTROIDEA** [Gastropoda].
 — *raiblensis*. Blaschke. 2
 — *trincolosa*. Read. 3295

PYRAMIDELLA [Gastropoda].

- *cossmanni* n. nom. Dall and Bartsch 2919.
 ——— *dodona*. Dall and Bartsch. 2919.

PYRAMIDULA [Pelecypoda].

- *mamillata*. Andreae. 2790.

RAPHISTOMA [Gastropoda].

- *columbiana*. Weller. 3470.

Rhabdostropha n. subgen. [Gastropoda]. Donald. 2930.

RHOMBOPTERIA [Pelecypoda].

- *clathratus*. Weller. 3470.

RHYNCHOPTERUS [Pelecypoda].

- *perna*. Böhm. 2840.

ROSTELLITES [Gastropoda].

- *dalli* var. *icelli* n. var. Johnson. 3094.

SCENELLA [Gastropoda].

- *clotho*. Walcott. 3452.

SCHLOENBACHIA [Cephalopoda].

- *dieneri*. Blanckenhorn. 2831.
 ——— *kittli*. Richarz. 3316.
 ——— *olivetii*. Blanckenhorn. 2831.
 ——— *safedensis*. Blanckenhorn. 2831.
 ——— *sandreczkii*. Blanckenhorn. 2831.

SCHLOTHEIMIA [Cephalopoda].

- *jimboi*. Yokoyama. 3519.

SCURRIA [Gastropoda].

- ? *coniformis*. Johnson. 3094.
 ——— *striata*. Read. 3292.

SEPTA [Gastropoda].

- *englishi*. Newton. 3227.

SISENNA [Gastropoda].

- *conicentzi*. Böhm. 2840.

SONNINIA [Cephalopoda].

- *dundriensis*. Buckman. 2871.

SPONDYLUS [Pelecypoda].

- *nili*. Oppenheim. 3243.
 ——— *perhorridus*. Oppenheim. 3243.
 ——— *somaliensis*. Newton. 3225.

SPORADOCERAS [Cephalopoda].

- *muensteri* var. *uralensis* n. var. Tokarenko. 3419.

Stantonoceras n. gen. [Cephalopoda]. Johnson. 3094.

- *pseudocostatum*. Johnson. 3094.

STENOTHECA

- ? *clurius*. Walcott. 3452.
 ——— *cornu*. Wiman. 3494.
 ——— *rugosa* var. *chinensis* n. var. Walcott. 3452.
 ——— var. *orientalis* n. var. Walcott. 3452.

Stomega n. nom. [Gastropoda].

Dall and Bartsch. 2919.

STRAPAROLLINA [Gastropoda].

- *circe*. Walcott. 3452.

STREBLITES [Cephalopoda].

- *rouhuysi*. Boehm. 2835.

Styracoteuthis n. gen. [Cephalopoda].

Crick. 2902.

- *orientalis*. Crick. 2902.

Sulcorinella n. subgen. [Gastropoda].

Dall and Bartsch. 2919.

Syrnolina n. subgen. [Gastropoda].

Dall and Bartsch. 2919.

Taeniola n. sect. [Gastropoda].

Dall. 2918.

TANOREDIA [Pelecypoda].

- *incurva*. Benecke. 2820.

THYSANOCERAS [Cephalopoda].

- *onychograptum* n. nom. Buckman. 2870.
 ——— *orbigny* n. nom. Buckman. 2870.

Thysanolytoceras n. gen. [Cephalopoda].

Buckman. 2870.

TMETOCERAS [Cephalopoda].

- *circulare*. Buckman. 2871.
 ——— *sutneri* var. *epirotica* n. var. Renz. 3314.

TRICHITES [Pelecypoda].

- *suprajurensis*. Krumbeck. 3128.

TRIGONIA [Pelecypoda].

- *arca-furcata*. Velters. 3450.
 ——— *engeli* n. form. Benecke. 2820.
 ——— *hosourensis*. Yokoyama. 3519.
 ——— *libanensis*. Krumbeck. 3128.
 ——— *margaritifera*. Böhm. 2840.
 ——— *terquemi* n. form. Benecke. 2820.

TRIPTYCHIA [Gastropoda].

- *margaretæ*. Andreae. 2790.

Tritoniscus n. sect. [Gastropoda].

Dall. 2918.

Tritonocauda n. sect. [Gastropoda].

Dall. 2918.

TROCHUS [Gastropoda].

- ? *domatus*. Blake. 2830.
 ——— *duplicans*. Blake. 2830.
 ——— *lacuna*. Blake. 2830.
 ——— *shiptonensis*. Blake. 2830.

Tropaeas n. subgen. [Gastropoda].

Dall and Bartsch. 2919.

TROPIDOCYOLUS [Gastropoda].

- *hyalinus*. Clarke. 2895.

TRYPANOSTYLUS [Gastropoda].

- *submilitaris*. Blaschke. 2832.
 ——— *suessi*. Blaschke. 2832.
 ——— *waageni*. Blaschke. 2832.

TUGURICUM [Gastropoda].

- *mekranense*. Newton. 3223.

TURBO [Gastropoda].

- *antonini*. Krumbeck. 3128.

TURBONILLA [Gastropoda].

- *archeri*. Dall and Bartsch. 2919.

Turristylus n. subgen. [Gastropoda].

Blaschke. 2832.

TURRITELLA [Gastropoda].

- *galisteoensis*. Johnson. 3094.
 ——— *geinitzi* n. nom. Deninger. 2924.

Turritriton n. sect. [Gastropoda].

Dall. 2918.

Ufa n. subgen. [Gastropoda].

Dall and Bartsch. 2918.

Ulrichospira n. gen. [Gastropoda].

Donald. 2931.

- *similis*. Donald. 2931.

UMBONIUM [Gastropoda].

- *grobbeni*. Blaschke. 2832.
 ——— *umbilicus*. Read. 3292.

UNDULARIA [Gastropoda].

- *pertica*. Böhm. 2840.

UNICARDIUM [Pelecypoda].

- *subglobosum*. Krumbeck. 3128.

VAGINELLA [Gastropoda].

- *aucklandica*. Clarke. 2890.

Vagna n. subgen. [Gastropoda].

Dall and Bartsch. 2919.

VALENCIENNESIA [Gastropoda].

- *roumaniensis*. Newton. 3227.

VALVATA [Gastropoda].

- *andreaei*. Menzel. 3181.
 ——— *geyeri*. Menzel. 3181.

VANIKORO [Gastropoda].

- *canaliculata*. Blake. 2830.

VERTICORDIA [Pelecypoda].

- *dalliana*. Aldrich. 2782.
 ——— *quadrangularia*. Aldrich. 2782.
 ——— *sotomensis*. Aldrich. 2782.

VERTIGO [Gastropoda].

- *maria*. Gulick. 3024.
 ——— *numellata*. Gulick. 3024.

Villa n. subgen. [Gastropoda].

Dall and Bartsch. 2919.

Vinna n. subgen. [Gastropoda].

Dall and Bartsch. 2919.

VOLA [Pelecypoda].

- *neumannii*. Dacqué. 2913.

Voluspa n. subgen. [Gastropoda].

Dall and Bartsch. 2919.

VULSELLA [Pelecypoda].

- *aegyptiaca*. Oppenheim. 3243.
 ——— *contracta*. Oppenheim. 3243.
 ——— *ehrenbergi*. Oppenheim. 3243.
 ——— *cynari*. Oppenheim. 3243.
 ——— *lignaria*. Oppenheim. 3243.
 ——— *moilehensis*. Oppenheim. 3243.
 ——— *nigeriensis*. Newton. 3223.

Westerna n. gen. [Gastropoda].

Webster. 3466.

WHITELLA [Pelecypoda].

- *inutilis*. Reed. 3297.
 ——— *suborbicularis*. Weller. 3470.

WORTHENIA [Gastropoda].

- *arthaberi*. Blaschke. 2832.
 ——— *bifurca*. Böhm. 2840.

ZONITOIDES [Gastropoda].

- *bristoli*. Gulick. 3024.

2431 ARTHROPODA.**Ammonella** n. gen. [Neuroptera].

Walther. 3455.

- *quadrata*. Walther. 3455.

APHODIUS [Coleoptera].

- *succini*. Zang. 3521.

Campterophlebia n. gen. [Neuroptera].

Bode. 2833.

- *elegans*. Bode. 2833.

DIPLOHEMA [Diptera].

- *crassicornis*. Meunier. 3194.

DORCASHEMA [Coleoptera].

- *succineum*. Zang. 3522.

- EATONISOA [Diptera].
 ——— *tertiaria*. Meunier. 3194.
- ELOANA [Orthoptera].
 ——— *geinitzi*. Bode. 2833.
- ETOBLETTA [Orthoptera].
 ——— *pygmaea*. Meunier. 3193.
 ——— *steinmanni*. Sterzel. 3406.
- GLAPHYROPTERA.
 ——— *lotharingica*. Fliche. 2793.
- GRYLLAORIS [Orthoptera].
 ——— *fasciata*. Bode. 2833.
 ——— *minor*. Bode. 2833.
- GYRINUS [Coleoptera].
 ——— *sculpturatus*. Mjöberg. 3201.
- HETEROPHLEBIA [Neuroptera].
 ——— *propinqua*. Bode. 2833.
 ——— *proxima*. Bode. 2833.
- HOMIOPTERA [Neuroptera].
 ——— *gigantea*. Agnus. 2781.
- Kalligramma n. gen. [Neuroptera].
 ——— Walther. 3455.
 ——— *haeckeli*. Walther. 3455.
- NOTHORRHINA [Coleoptera].
 ——— *granulicollis*. Zang. 3522.
- OLOPHRUM [Coleoptera].
 ——— *interylaciale*. Mjöberg. 3200.
- ORTHOPHLEBIA [Neuroptera].
 ——— *brunsvicensis*. Bode. 2833.
 ——— *marginata*. Bode. 2833.
- PALAEOASCIA [Diptera].
 ——— *uniappendiculata*. Meunier. 3191.
- PALAEOSPHEGINA [Diptera].
 ——— *elegantula*. Meunier. 3191.
- PERICOMA [Diptera].
 ——— *formosa*. Meunier. 3194.
 ——— *speciosa*. Meunier. 3194.
- PHLEBOTOMUS [Diptera].
 ——— *tipuliformis*. Meunier. 3194.
- PHRYGANIDIUM [Neuroptera].
 ——— *arculiferum*. Bode. 2833.
 ——— *boreale*. Bode. 2833.
- PLATYCERUS [Coleoptera].
 ——— *berendti*. Zang. 3521.
- PLECIA [Diptera].
 ——— *borussica*. Meunier. 3192.
- POGONOAERUS [Coleoptera].
 ——— *jaekeli*. Zang. 3522.
- PSYCHODA [Diptera].
 ——— *eocenica*. Meunier. 3194.

- RHYPHUS [Diptera].
 ——— *splendidus*. Meunier. 3192.
 ——— *thirionus*. Meunier. 3192.
- SCATOPSE [Diptera].
 ——— *crassicornis*. Meunier. 3192.
 ——— *fasciola*. Meunier. 3192.
 ——— *grassaris*. Meunier. 3192.
 ——— *subsiniilis*. Meunier. 3192.
- SIMULIA [Diptera].
 ——— *affinis*. Meunier. 3192.
 ——— *importuna*. Meunier. 3192.
 ——— *pulchella*. Meunier. 3192.
- SPHEGINASOIA [Diptera].
 ——— *biappendiculata*. Meunier. 3191.
- STRANGALIA [Coleoptera].
 ——— *berendiana*. Zang. 3522.
- SYCORAX [Diptera].
 ——— *prompta*. Meunier. 3194.
 ——— *tumultuosa*. Meunier. 3194.
- SYRPHUS [Diptera].
 ——— *curvipetiolatus*. Meunier. 3191.
- TRICHOMYIA [Diptera].
 ——— *concinna*. Meunier. 3194.
 ——— *decora*. Meunier. 3194.
 ——— *distincta*. Meunier. 3194.
 ——— *formosula*. Meunier. 3194.
 ——— *nova*. Meunier. 3194.
 ——— *procera*. Meunier. 3194.
 ——— *pulchra*. Meunier. 3194.
 ——— *tenera*. Meunier. 3194.
- XYLOTA [Diptera].
 ——— *pulchra*. Meunier. 3191.

2631 CRUSTACEA.

- ANTHRAPALAEON [Decapoda].
 ——— *serratus*. Woodward. 3514.
- APARCHITES [Ostracoda].
 ——— ? *anderssoni*. Wiman. 3494.
 ——— ? *fennicus*. Wiman. 3494.
- BAIRDIA [Ostracoda].
 ——— *tenuis*. Lienenklaus. 3146.
- BEYRICHTIA [Ostracoda].
 ——— *argentina*. Thomas. 3416.
 ——— *barretti*. Weller. 3470.
 ——— *deckerensis*. Weller. 3470.
 ——— *jerseyensis*. Weller. 3470.
 ——— *kümmeli*. Weller. 3470.
 ——— *manliensis*. Weller. 3470.
 ——— *montaguensis*. Weller. 3470.
 ——— *nearpassi*. Weller. 3470.

- BEYRICHTIA** [Ostracoda].
 — *perinflata*. Weller. 3470.
 — *smocki*. Weller. 3470.
 — *sussexensis*. Weller. 3470.
 — *valpackensis*. Weller. 3470.
- BEYRICHTONA** [Ostracoda].
 — ? *alta*. Wiman. 3494.
 — *faba*. Wiman. 3494.
 — *gevalensis*. Wiman. 3494.
- BRADORIA** [Ostracoda].
 — *bergeroni*. Walcott. 3452.
 — *enyo*. Walcott. 3452.
 — *eria*. Walcott. 3452.
 — *fragilis*. Walcott. 3452.
 — *sterops*. Walcott. 3452.
 — *woodi*. Walcott. 3452.
- BRADORONA** [Ostracoda].
 — *nitida*. Wiman. 3494.
- BYTHOOTRIS** [Ostracoda].
 — *nearpassi*. Weller. 3470.
- CALIANASSA** [Decapoda].
 — *uncifer*. Harbort. 3030.
- CANDONA** [Ostracoda].
 — *candidula*. Lienenklaus. 3146.
 — *rosta*. Lienenklaus. 3146.
 — *rhenana*. Lienenklaus. 3146.
 — *steinheimensis*. Sieber. 3388.
- CANDONOPSIS** [Ostracoda].
 — *arida*. Sieber. 3388.
- CUNEOCTHERE** [Ostracoda].
 — *punctulata*. Lienenklaus. 3146.
- CYCLOCTRIS** [Ostracoda].
 — *nitida*. Sieber. 3388.
 — *similia*. Lienenklaus. 3146.
- CYPRIA** [Ostracoda].
 — *currata*. Lienenklaus. 3146.
 — *suborbicularis*. Sieber. 3388.
- CYPRITOPSIS** [Ostracoda].
 — *gracilis*. Sieber. 3388.
 — *kinkelini*. Lienenklaus. 3146.
- CYPRIS** [Ostracoda].
 — *acuta*. Lienenklaus. 3146.
 — *agglutinans*. Lienenklaus. 3146.
 — *frankfurti*. Lienenklaus. 3146.
 — *inaequalis*. Sieber. 3388.
 — *parva*. Lienenklaus. 3146.
 — *rugosocarinata*. Sieber. 3388.
- CYTHEREIS** [Ostracoda].
 — *ramosa*. Lienenklaus. 3146.
- CYTHEROCESTES** [Ostracoda].
 — *punctulatus*. 3146.
- CYTHERIDIA** [Ostracoda].
 — *devera*. Lienenklaus.
 — *fragilis*. Lienenklaus.
 — *missouensis*. 3146.
 — *parallela*. 3146.
 — *proscutata*. 3146.
 — *rarefistulosa*. 3146.
 — *spathacea*. 3146.
- CYTHERURA** [Ostracoda].
 — *saluta*. Lienenklaus.
- ESTHERIELLA** [Phyllopoda].
 — *radiata* var. *multi*
 var. *Jones*. 3
- ECTYTHERIA** [Ostracoda].
 — *dentata*. Lienenklaus.
- EUTYCHILINA** [Ostracoda].
 — *jerseyensis*. Weller.
 — *oculifera*. Weller.
- HYPOSTICHARION** [Ostracoda].
 — *matthei*. Wiman.
- ILIOCTRIS** [Ostracoda].
 — *binocularis*. Sieber.
 — *tribullata*. Li. 3146.
 — *tuberculata*. Li. 3146.
- ISMANA** [Ostracoda].
 — ? *minima*. Wiman.
- LEPERINTELLA** [Ostracoda].
 — *ornata*. Weller.
- LEPERDITIA** [Ostracoda].
 — *altoidea*. Weller.
 — *elongata*. Weller.
 — *gigantea*. Weller.
- LIANACTHERE** [Ostracoda].
 — *cephigmena*. Sieber.
 — *zindorfi*. Li. 3146.
- LOXOCYPERA** [Ostracoda].
 — *istorta*. Lienenklaus.
 — *sphenoides*. Li. 3146.
- NEPTUNUS** [Decapoda].
 — *arabicus*. Woods.

PONTOCYPRIS [Ostracoda].

- *brevis*. Lienenklaus. 3146.
 ———— *splendida*. Lienenklaus.
 3146.

PRIMITIA [Ostracoda].

- *frosburgensis*. Jones. 3096.

SELLULA [Ostracoda].

- *fallax*. Wiman. 3494.

XESTOLEBERIS [Ostracoda].

- *rhenana*. Lienenklaus. 3146.

2831 XIPHOSURA, EURIPTE-
RIDA, TRILOBITA.

ACIDASPIS [Trilobita].

- *turnbulli*. Reed. 3297.
 ———— *sladensis*. Reed. 3297.

AGNOSTUS [Trilobita].

- *kusanensis*. Walcott. 3452.

AGRAULOS [Trilobita].

- *abaris*. Walcott. 3452.
 ———— *abrota*. Walcott. 3452.
 ———— *acalle*. Walcott. 3452.
 ———— *agenor*. Walcott. 3452.
 ———— *dirce*. Walcott. 3452.
 ———— *divi*. Walcott. 3452.
 ———— *dolon*. Walcott. 3452.
 ———— *dryas*. Walcott. 3452.

AMPYX [Trilobita].

- *brevicauda*. Wiman. 3500.

ANOMOCARE [Trilobita].

- *alcinoe*. Walcott. 3452.
 ———— *bergioni*. Walcott. 3452.
 ———— *bianos*. Walcott. 3452.
 ———— *biston*. Walcott. 3452.
 ———— ? *butes*. Walcott. 3452.
 ———— ? *daulis*. Walcott. 3452.
 ———— *daunus*. Walcott. 3452.
 ———— *decelus*. Walcott. 3452.
 ———— *parvula*. Weller. 3470.
 ———— *tatian*. Walcott. 3452.
 ———— *temenus*. Walcott. 3452.

Anomocarella n. gen. [Trilobita].
Walcott. 3452.

- *albion*. Walcott. 3452.
 ———— *baucis*. Walcott. 3452.
 ———— ? *bura*. Walcott. 3452.
 ———— *carne*. Walcott. 3452.
 ———— *chinensis*. Walcott. 3452.

APATOCEPHALUS [Trilobita].

- *pecten*. Wiman. 3500.

ARGES [Trilobita].

- *tuberculatus*. Weller. 3470.

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ARIONELLUS [Trilobita].

- *agonius*. Walcott. 3452.
 ———— *ajax*. Walcott. 3452.
 ———— *alala*. Walcott. 3452.
 ———— *balticus*. Wiman. 3494.

BOECKIA [Trilobita].

- *mobergi*. Wiman. 3497.

BUMASTUS [Trilobita].

- *elongatus*. Weller. 3470.
 ———— *transversalis*. Weller. 3470.

CREPIOCEPHALUS [Trilobita].

- *damia*. Walcott. 3452.

CYPHASPIS [Trilobita].

- *trentonensis*. Weller. 3470.

DALMANITES [Trilobita].

- *aspinosa*. Weller. 3470.
 ———— *drevermanni*. Thomas. 3416.

Damesella n. gen. [Trilobita].

- Walcott. 3452.
 ———— *bellagranulata*. Walcott.
 3452.
 ———— *blackwelderi*. Walcott. 3452.
 ———— *brericaudata*. Walcott. 3452.
 ———— *chione*. Walcott. 3452.

DIKELOCEPHALUS [Trilobita].

- ? *baubo*. Walcott. 3452.
 ———— ? *briso*. Walcott. 3452.
 ———— ? *newtonensis*. Weller. 3470.

DOLICHOMETOPUS [Trilobita].

- *alceste*. Walcott. 3452.
 ———— *deoia*. Walcott. 3452.
 ———— *derceto*. Walcott. 3452.
 ———— *dirce*. Walcott. 3452.

DORYPYGE [Trilobita].

- *bispinosa*. Walcott. 3452.

Dorypygella n. gen. [Trilobita].

- Walcott. 3452.
 ———— *alastor*. Walcott. 3452.
 ———— *alcon*. Walcott. 3452.
 ———— *typicalis*. Walcott. 3452.

ELLIPSOCEPHALUS [Trilobita].

- *latus*. Wiman. 3494.

HOMALONOTUS [Trilobita].

- *kayseri*. Thomas. 3416.

ILLAENURUS [Trilobita].

- *canens*. Walcott. 3452.
 ———— *ceres*. Walcott. 3452.
 ———— *columbiana*. Weller. 3470.
 ———— *dictys*. Walcott. 3452.

MEGALASPIDES [Trilobita].

- *nericiensis*. Wiman. 3500.

MESOCEPHALUS [Trilobita].

- _____ *aerius*. Walcott. 3452.
- _____ *asia*. Walcott. 3452.
- _____ *adusta*. Walcott. 3452.
- _____ *adustio*. Walcott. 3452.
- _____ *agave*. Walcott. 3452.
- _____ *balanus*. Walcott. 3452.
- _____ ? *depressus*. Walcott. 3452.

MICRODICTES [Trilobita].

- _____ *orientalis*. Walcott. 3452.

OLENIOIDES [Trilobita].

- _____ ? *ciliz*. Walcott. 3452.

PAGODIA n. gen. [Trilobita].

- _____ Walcott. 3452.
- _____ *bia*. Walcott. 3452.
- _____ *dolan*. Walcott. 3452.
- _____ *lotos*. Walcott. 3452.
- _____ *macedo*. Walcott. 3452.

PARADOXIDES [Trilobita].

- _____ *jemtlandicus*. Wiman. 3496.

PHACOPS [Trilobita].

- _____ *argentinus*. Thomas. 3416.

PROETUS [Trilobita].

- _____ *brevimarginatus*. Weller. 3470.
- _____ ? *depressus*. Weller. 3470.
- _____ *latimarginatus*. Weller. 3470.
- _____ ? *spinosa*. Weller. 3470.

PSEUDOSAPHUS n. subgen. [Trilobita].

- _____ Schmidt. 3344.
- _____ *asiatica*. Walcott. 3452.
- _____ *busiria*. Walcott. 3452.

PTYCHANDRIS [Trilobita].

- _____ *acamus*. Walcott. 3452.
- _____ *cacus*. Walcott. 3452.
- _____ *eadmus*. Walcott. 3452.
- _____ *calchas*. Walcott. 3452.
- _____ *callisto*. Walcott. 3452.
- _____ *calyce*. Walcott. 3452.
- _____ *campe*. Walcott. 3452.
- _____ *esto*. Walcott. 3452.

PTYCHOPARIA [Trilobita].

- _____ *acilis*. Walcott. 3452.
- _____ ? *batia*. Walcott. 3452.
- _____ *blairi*. Weller. 3470.
- _____ ? *bromus*. Walcott. 3452.
- _____ *burea*. Walcott. 3452.
- _____ *ceus*. Walcott. 3452.
- _____ *constricta*. Walcott. 3452.
- _____ *dryope*. Walcott. 3452.
- _____ *granulosa*. Walcott. 3452.
- _____ *impar*. Walcott. 3452.
- _____ *ligea*. Walcott. 3452.
- _____ *mantoensis*. Walcott. 3452.

PTYCHOPARIA [Trilobita].

- _____ *montana*. Weller.
- _____ *callia*. Walcott. 3452.
- _____ *swan*. Walcott. 3452.
- _____ *thoma*. Walcott. 3452.
- _____ *thoma*. Walcott. 3452.
- _____ *sitiana*. Walcott. 3452.
- _____ *solus*. Walcott. 3452.
- _____ *swan*. Walcott. 3452.
- _____ *tragus*. Walcott. 3452.
- _____ *solus*. Walcott. 3452.

PTYCHOPARIA [Trilobita].

- _____ *parapensis*. Weller.
- _____ *hugolensis*. Schmidt.
- _____ *hugol*. Schmidt.
- _____ *hugolensis*. Schmidt. 3344.
- _____ *laurea*. Schmidt.
- _____ *nickel*. Schmidt.
- _____ *pahl*. Schmidt. 3344.
- _____ *plantini*. Schmidt.
- _____ *schl*. Schmidt.

RADICARIA [Trilobita].

- _____ *chinesis*. Walcott.
- _____ *suavia*. Walcott. 3452.
- _____ *nebilis*. Walcott. 3452.

ROBERTIA n. gen. [Trilobita].

- _____ Wiman. 3459.
- _____ *Schmalenrothia* n. gen. [Trilobita]
- _____ Moberg. 3203.
- _____ *amphionura*. Moberg.

SHANGTANGIA n. gen. [Trilobita].

- _____ Walcott. 3452.
- _____ *spinifera*. Walcott.

SHUMARDIA [Trilobita].

- _____ *botnica*. Wiman. 3459.
- _____ *nericiensis*. Wiman.

SOLENOPTERA [Trilobita].

- _____ *abderus*. Walcott. 3452.
- _____ *acantha*. Walcott. 3452.
- _____ *acidalia*. Walcott. 3452.
- _____ *agno*. Walcott. 3452.
- _____ *belus*. Walcott. 3452.
- _____ *beros*. Walcott. 3452.

STYLOMERUS [Eurypterida].

- _____ ? *simonseni*. Schmidt.

3431 MYRIOPODA.**XYLOBIAS.**

- _____ *moniliformis*. Woc. 3514.

5431 PISCES.

AETOBATIS [Selachii].

———— *biochei*. Priem. 3288.

AMBLYPTERUS [Actinopterygii].

———— *permensis*. Krotov. 3127.

Bradyurus n. gen. [Actinopterygii].
Gill. 2995.

CARANX [Actinopterygii].

———— *primaevus*. Eastman. 2953.

CERATODUS [Sirenoidei].

———— *africanus*. Haug. 3035.

COELACANTHUS [Crossopterygii].

———— *africanus*. Broom. 2864.

COSMACANTHUS [Selachii].

———— *elegans*. Evans. 2964.

ELONICHTHYS [Actinopterygii].

———— *disjunctus*. Eastman. 2952.

Eopristis n. subgen. [Selachii].

Stromer. 3411.

ERISMACANTHUS [Selachii].

———— *barbatus*. Eastman. 2952.

FISSODUS [Selachii].

———— *dentatus*. Eastman. 2952.

GINGLYMOSTOMA [Selachii].

———— *migueli*. Priem. 3288.

HELODUS [Selachii].

———— *incisus*. Eastman. 2952.

HETEROLEPIDOTUS [Actinopterygii].

———— *parvulus*. Gorjanović-Kramberger. 3006.

Histionotophorus n. nom. [Actinopterygii]. Eastman. 2953.

HOMACANTHUS [Selachii].

———— *acinaciformis*. Eastman. 2952.

———— *delicatulus*. Eastman. 2952.

HYBODUS [Selachii].

———— *substriatus*. Linstow. 3147.

JANASSA [Selachii].

———— *maxima*. Eastman. 2952.

———— *unguicula*. Eastman. 2952.

Macromesodon n. gen. [Actinopterygii].
Blake. 2830.

MESODON [Actinopterygii].

———— *hoeferi*. Gorjanović-Kramberger. 3006.

MYLIOBATIS [Selachii].

———— *elatus*. Stromer. 3411.

———— *fraasi*. Stromer. 3411.

———— *mokattamensis*. Stromer. 3411.

ORODUS [Selachii].

———— *intermedius*. Eastman. 2952.

OTOLITHUS [Actinopterygii].

———— *angustus*. Schubert. 3358.

———— *arthaberi*. Schubert. 3358.

———— *austriacus*. Schubert. 3358.

———— *crassus*. Schubert. 3358.

———— *ellipticus*. Schubert. 3358.

———— *elongatus*. Schubert. 3358.

———— *excisus*. Schubert. 3358.

———— *gracilis*. Schubert. 3358.

———— *hansfuchsi*. Schubert. 3358.

———— *labiatus*. Schubert. 3358.

———— *levis*. Schubert. 3358.

———— *major*. Schubert. 3358.

———— *praemediterraneus*. Schubert. 3358.

———— *praelatrachyrhynchus*. Schubert. 3358.

———— *rotundatus*. Schubert. 3358.

———— *tenuis*. Schubert. 3358.

———— *toulai*. Schubert. 3358.

———— *trolli*. Schubert. 3358.

PALAEONISCUS [Actinopterygii].

———— *curtus*. Krotov. 3127.

———— *kargalensis*. Krotov. 3127.

———— *netschaevi*. Krotov. 3127.

Pelamycybium n. gen. [Actinopterygii].
Toula. 3430.

———— *sinus vindobonensis*. Toula. 3430.

PHOEBODUS [Ichthyotomi].

———— *dens-neptuni*. Eastman. 2952.

———— *knightianus*. Eastman. 2952.

PHYSONEMUS [Selachii].

———— *asper* n. nom. Eastmann. 2952.

———— *hamus-piscatorius*. Eastman. 2952.

———— *pandatus*. Eastman. 2952.

PRISTIS [Selachii].

———— *fajumensis*. Stromer. 3411.

———— *ingens*. Stromer. 3411.

———— *reinachi*. Stromer. 3411.

PYGAEUS [Actinopterygii].

———— *agassizii*. Eastman. 2953.

RHADINICHTHYS [Actinopterygii].

———— *argentinicus*. Tornquist. 3428.

SAGENODUS [Dipnoi].

———— *cristatus*. Eastman. 2952.

Spaniolepis n. gen. [Actinopterygii].
Gorjanović - Kramberger. 3006.

———— *ovalis* n. sp. Gorjanović-Kramberger. 3006.

- Stenonotus* [Selachia].
 ——— *angustus* Eastman. 2852.
Syntrachynus [Selachia].
 ——— *erectus* Eastman. 2852.

5631 REPTILIA AND
 BATRACHIA.

- Albertosaurus* n. gen. [Ornithomimidae]. Osborn. 3249.
 ——— *scrophioides* Osborn. 3249.
Amphibiosaurus n. nom. [Chelonibia]. Hay. 3037.
Amphibiosaurus.
 ——— *afroasiaticus* Huxley. 3068.
Antrodontomys n. gen. [Dinosauria]. Lull. 3163.
 ——— *hitchcocki* Lull. 3163.
Apatoraptor n. gen. [Theropoda]. Williston. 3487.
 ——— *mirus* Williston. 3487.
Archaeosaurus n. gen. [Anomodontia]. Broom. 2863.
 ——— *cairacensis* Broom. 2863.
Barroetus [Rhynchocephalia].
 ——— *dispar* Lull. 3163.
Brachanodon n. gen. [Sauropodomorpha]. Williston. 3486.
 ——— *lucasi* Williston. 3486.
Brachytrachium n. gen. [Incertae Sedis]. Williston. 3489.
 ——— *brevis* Williston. 3489.
Conchochelys n. gen. [Chelonibia]. Hay. 3039.
 ——— *gambelii* Hay. 3039.
Crocodylus [Crocodilia].
 ——— *articeps* Andrews. 2791.
 ——— *myorhinus* Andrews. 2791.
Datheosaurus n. gen. [Proganosauria]. Schroeder. 3353.
 ——— *macrourus* Schroeder. 3353.
Dictynodon [Anomodontia].
 ——— *jouberti* Broom. 2863.
Dolichobrachium n. gen. [Incertae sedis]. Williston. 3489.
 ——— *gracile* Williston. 3489.
Dynamosaurus n. gen. [Dinosauria]. Osborn. 3249.
 ——— *imperiosus* Osborn. 3249.
Eifelosaurus [Squamata].
 ——— *triadicus* Jaekel. 3073.
Erythrosuchus n. gen. [Crocodilia]. Broom. 2863.
 ——— *africanus* Broom. 2863.

- Estadosaurus* n. gen. [Incertae Sedis]. Williston. 3489.
 ——— *browni* Williston.
Exochorda [Dinosauria].
 ——— *platys* n. nom. 3163.
Gastrosaurus [Crocodilia].
 ——— ? *gambelii* Holland.
Hesperosaurus n. gen. [Rhynchocephalia]. Broom. 2861.
 ——— *browni* Broom. 2861.
Ichthyosaurus [Ichthyopterygia].
 ——— *bamburghensis* Bower.
 ——— *volgensis* Kasanikij.
Illoia n. gen. [Anomodontia]. Broom. 2861.
 ——— *simus* Broom. 2861.
Megacerosaurus [Crocodilia].
 ——— *jaekeli* Schmidt. 3073.
Neosaurus n. gen. [Thalassiodromia]. Merriam. 3188.
 ——— *halius* Merriam. 3188.
Nicoria [Chelonibia].
 ——— *headonensis* Huxley.
Osteosaurus n. gen. [Dinosauria]. Cushman. 2908.
 ——— *magnificus* Cushman.
Paleosaurus n. gen. [Incertae Sedis]. Williston. 3489.
 ——— *bransonii* Williston.
Pelagosaurus n. gen. [Anomodontia]. Broom. 2863.
 ——— *prius* Broom. 2863.
Plesiosaurus [Sauropodomorpha].
 ——— *kazleri* Koken. 3163.
Polycottus [Sauropodomorpha].
 ——— *ischadicus* Williston.
Portocheilus [Chelonibia].
 ——— *browni* Hay. 3037.
Procolophon [Pareiasauria].
 ——— *baini* Broom. 2863.
Sesamodon n. gen. [Anomodontia]. Broom. 2861.
 ——— *browni* Broom. 2861.
Stegopelta n. gen. [Dinosauria]. Williston. 3485.
 ——— *landerensis* Williston. 3485.
Stenonyx n. nom. [Dinosauria]. Lull. 3163.
Sustenodactylus n. nom. [Dinosauria]. Lull. 3163.

Tarsoplectrus n. nom. [Dinosauria].
Lull. 3163.

THALATTOSAURUS [Thalattosauria].
—— *perrini*. Merriam. 3188.
—— *shastensis*. Merriam. 3188.

Thelegnathus n. gen. [Anomodontia].
Broom. 2861.
—— *browni*. Broom. 2861.

TOMISTOMA [Crocodilia].
—— *gavialoides*. Andrews. 2791.
—— *kerunense*. Andrews. 2791.

TOXOCHELYS [Chelonia].
—— *procax*. Hay. 3037.
—— *stenoporus*. Hay. 3037.

TRIRACHODON [Anomodontia].
—— *minor*. Broom. 2861.

Tyrannosaurus n. gen. [Dinosauria].
Osborn. 3249.
—— *rex*. Osborn. 3249.

UDENODON [Anomodontia].
—— *pusillus*. Jaekel. 3078.

5831 AVES.

Anthropornis n. gen. [Impennes].
Wiman. 3499.
—— *nordenskjöldii*. Wiman. 3499.

Delphinornis n. gen. [Impennes].
Wiman. 3499.
—— *larsenii*. Wiman. 3499.

Eospheniscus n. gen. [Impennes].
Wiman. 3499.
—— *gunnari*. Wiman. 3499.

Hargeria n. gen. [Ratitae]. Lucas. 3158.

Ichthyopteryx n. gen. [Impennes].
Wiman. 3499.
—— *gracilis*. Wiman. 3499.

Pachypteryx n. gen. [Impennes].
Wiman. 3499.
—— *grandis*. Wiman. 3499.

SARCORHAMPHUS [Accipitres].
—— *patruus*. Lönnberg. 3153.

TAOPERDIX [Gallinae].
—— *kellica*. Eastman. 2495.

6031 MAMMALIA.

ACERATHERIUM [Ungulata].
—— *samium*. Weber. 3464.
—— *schlosseri*. Weber. 3464.

AMPHIOYON [Carnivora].
—— *socialis*. Schlosser. 3339.

APLODONTIA [Rodentia].
—— *major: fossilis* n. subsp.
Sinclair. 3389.

CERVUS [Ungulata].
—— *teguliensis*. Dubois. 2938.

CORDYLODON [Insectivora].
—— *schlosseri*. Andreae. 2790.

Dinochoerus n. gen. [Ungulata].
Peterson. 3279.
—— *hollandi*. Peterson. 3279.

EQUUS [Ungulata].
—— *caballus: nehringi* n. subsp.
Duerst. 2942.
—— *haasci*. Reche. 3296.

Euhapsis n. gen. [Rodentia].
Peterson. 3277.
—— *platyceps*. Peterson. 3277.

Eutypomys n. gen. [Rodentia].
Matthews. 3175.
—— *thomsoni*. Matthews. 3175.

GAZELLA [Ungulata].
—— *gaudryi*. Schlosser. 3340.

HETERODELPHIS [Cetacea].
—— *leiodontus*. Papp. 3263.

Heteromeryx n. gen. [Ungulata].
Matthews. 3175.
—— *dispar*. Matthews. 3175.

IOTOPS [Insectivora].
—— *intermedius*. Douglass. 2934.
—— *major*. Douglass. 2934.
—— *montanus*. Douglass. 2934.
—— *tenuis*. Douglass. 2934.

MACHAERODUS [Carnivora].
—— *ischyrus*. Merriam. 3185.

MEGALONYX [Edentata].
—— *sierrensis*. Sinclair. 3389.

NOTHROTHERIUM [Edentata].
—— *shastense*. Sinclair. 3389.

OIOCEROS [Ungulata].
—— ? *proaries*. Schlosser. 3340.

OVIS [Ungulata].
—— *aries: studeri* n. subsp.
Schoetensack. 3351.

Pachytragus n. gen. [Ungulata].
Schlosser. 3340.
—— *crassicornis*. Schlosser. 3340.

PALAEOMASTODON [Ungulata].
—— *parvus*. Andrews. 2792.
—— *urintoni*. Andrews. 2792.

PALAEOMERYX [Ungulata].
—— *simplicicornis*. Schlosser. 3339.

Palaeophocaena n. gen. [Cetacea].
 Abel. 2774.
 ——— *andrussowii*. Abel. 2774.

PALAEORYX [Ungulata].
 ——— *ingens*. Schlosser. 3340.
 ——— *majori*. Schlosser. 3340.
 ——— *stütseli*. Schlosser. 3340.

Pontoleon n. gen. [Carnivora].
 True. 3436.
 ——— *magnus*. True. 3436.

Preptoceras n. gen. [Ungulata].
 Furlong. 2988.
 ——— *sinclairi*. Furlong. 2988.

PROCAMELUS [Ungulata].
 ——— *khersonensis*. Pavlov. 3268.

Prodamaliscus n. gen. [Ungulata].
 Schlosser. 3340.
 ——— *gracilidens*. Schlosser. 3340.

PROLAGUS [Rodentia].
 ——— *calpensis*. Major. 3169.

PROTOBYX [Ungulata].
 ——— *hentscheli*. Schlosser. 3340.

PROTRAGELAPHUS [Ungulata].
 ——— *sitteli*. Schlosser. 3340.

Pseudotragus n. gen. [Ungulata].
 Schlosser. 3340.
 ——— *capricornia*. Schlosser. 3340.

Scaphoceros n. gen. [Ungulata].
 Osgood. 3253.
 ——— *tyrrelli*. Osgood. 3253.

STENOFIBER [Rodentia].
 ——— *barbouri*. Peterson. 3277.
 ——— *fessor*. Peterson. 3277.

TEOKOMA [Rodentia].
 ——— *spelaea*. Sinclair. 3389.

THOMOMYS [Rodentia].
 ——— *microdon*. Sinclair. 3389.

TRAGOCERUS [Ungulata].
 ——— *rugosifrons*. Schlosser. 3340.

Tragoreas n. gen. [Ungulata].
 Schlosser. 3340.
 ——— *oryzoides*. Schlosser. 3340.

Tyrrhenicola n. gen. [Rodentia]. Major.
 3169.

URSUS [Carnivora].
 ——— *deningeri*. Reichenau. 3299.

Xenotherium n. gen. [Monotremata].
 Douglass. 2934.
 ——— *unicum*. Douglass. 2934.

PALAEOBOTANY.

A. STRATIGRAPHICAL CLASSIFICATION.

35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

35.5000 GENERAL PALAEOBOTANY.

Das Pflanzenreich. Regni vegetabilis conspectus. Im Auftrage der königl. preuss. Akademie der Wissenschaften hrsg. von A[dolf] Engler. H. 20 (IV. 46) u. 21 (IV. 23 B.). H. 22 (IV. 237), 23 (IV. 225), 24 (IV. 13.). Leipzig (W. Engelmann), 1904-06, (458; 330; 386; 133; 24). 26 cm. 23 M; 16.50 M; 19,20 M.; 6,80 M; 1,20 M.

Die natürlichen Pflanzenfamilien nebst ihren Gattungen und wichtigeren Arten, insbesondere den Nutzpflanzen . . . begr. v. A[dolf] Engler u. K[arl] Prantl, fortges. v. A[dolf] Engler. Lfg 215-223. (Tl 1, Abt. 1, Bogen 4-9; Abt. 3, Bogen 28-48. Leipzig (W. Engelmann), 1902-1903-04-05. 26 cm. Die Lfg zu 3 Bogen. 1,50 M.

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Aristolochia. Bayer, E. in Frič und Bayer. l.c. (126).

Banksia. Bayer, E. in Frič und Bayer. l.c. (124).

Bignonia. Bayer, E. in Frič und Bayer. l.c. (156).

—— *westerhausiana* n. sp. Richter, P. Kreidepflanzen Quedlinburge, 1904, (20, mit 2 Taf.).

Bombax. Bayer, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, 11, Nr. 2, 1901, (139).

Conospermum. Bayer, E. in Frič und Bayer. l.c. (121).

Credneria. Bayer, E. in Frič und Bayer. l.c. (131-134).

Cussonia. Bayer, E. in Frič und Bayer. l.c. (145).

Dryandra. Bayer, E. in Frič und Bayer. l.c. (125).

Eucalyptus. Bayer, E. in Frič und Bayer. l.c. (142-144).

—— *wardiana* n. nom. (= *R. dubia* Berry not *E. dubia* Ettings.). New Jersey. Berry, E. W. New York, N.Y., Bull. Torrey Bot. Cl., 32, 1905, (42-48, with 2 pls.).

Ficus. Bayer, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, 11, Nr. 2, 1901, (116-117).

—— *daphnogenoides* (Heer) n. comb. (*Proteoides*). Berry, E. W. New York, N.Y., Bull. Torrey Bot. Cl., 32, (1905), (327-330, with 1 pl.).

Grevillea. Bayer, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, 11, Nr. 2, 1901, (122-123).

Hedera. Bayer, E. in Frič und Bayer. l.c. (153).

Hymenaea. Bayer, E. in Frič und Bayer. l.c. (135-136).

Illicium. Bayer, E. in Frič und Bayer. l.c. (129).

Inga. Bayer, E. in Frič und Bayer. l.c. (135).

Laurus. Bayer, E. in Frič und Bayer. l.c. (130-131).

Liriodendron schwarzii n. sp. **Richter**, P. Kreidepflanzen Quedlinburgs, 1904, (20, mit Taf.).

Magnolia. **Bayer**, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, 11, Nr. 2, 1901, (126–127).

Myrica. **Bayer**, E. in Frič und Bayer. l.c. (113).

—— *brittoniana* n. nom. (= *M. heerii* Berry not *M. heerii* Boulay). New Jersey. **Berry**, E. W. New York, N.Y., Bull. Torrey Bot. Cl., 32, 1905, (42–48, with 2 pls.).

Myricanthium. **Bayer**, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, 11, Nr. 2, 1901, (114).

Platanus. **Bayer**, E. in Frič und Bayer. l.c. (131–132).

Proteoides. **Bayer**, E. in Frič und Bayer. l.c. (121).

Proteophyllum. **Bayer**, E. in Frič und Bayer. l.c. (118–120).

Proteopsis. **Bayer**, E. in Frič und Bayer. l.c. (118).

Salix. **Bayer**, E. in Frič und Bayer. l.c. (115, 121).

Sassafras. **Bayer**, E. in Frič und Bayer. l.c. (129).

5400.80 CAENOZOIC.

Apeibopsis parva n. sp. Vermont. **Perkins**, G. H. Vermont, Rep. Geol., Burlington, 1903–1904, 1904, (202).

Aristolochia obscura Lx. Vermont. **Perkins**, G. H. l.c. (202).

Aristolochites nn. spp. Vermont. **Perkins**, G. H. l.c. (203–206).

Bicarpellites n. gen. for *Carpolithes grayana* Lx., *B. knowltoni*, *B. rotundus*, *B. minimus*, *B. rugosus* [printed *obesus* in error] nn. spp. Vermont. **Perkins**, G. H. l.c. (190–192).

Brandonia n. gen., *B. globulus* n. sp. Vermont. **Perkins**, G. H. l.c. (192).

Carpites nn. spp. Vermont. **Perkins**, G. H. l.c. (193–194).

Carpolithes nn. spp. Vermont. **Perkins**, G. H. l.c. (175–179).

Cinnamomum nn. spp. Vermont. **Perkins**, G. H. l.c. (199–200).

Hicoria biacuminata n. sp. Vermont. **Perkins**, G. H. l.c. (193).

Hicoroides n. gen., *H. angulata*, *H. triangularis*, *H. ellipsoidea*, *H. globulus*, *H. parva* nn. spp. Vermont. **Perkins**, G. H. l.c. (183–185).

Juglans brandonianus n. sp. Vermont. **Perkins**, G. H. l.c. (182–183).

Laurus ungeri n. sp. Vallendar am Rhein. **Engelhardt**, H. Wiesbaden, Jahrb. Ver. Natk., 58, 1905, (295–319).

Monocarpellites n. gen., *M. whitfieldii*, *M. pyramidalis*, *M. sulcatus*, *M. orbicularis*, *M. elegans*, *M. gibbosus*, *M. irregularis*, *M. hitchcockii*, *M. medius*, *M. vermontanus*, *M. ovalis* nn. spp. Vermont. **Perkins**, G. H. Vermont, Rep. Geol., Burlington, 1903–1904, 1904, (180–182).

Nyssa nn. spp. Vermont. **Perkins**, G. H. l.c. (194–199).

Prunoides n. gen. for *Carpolithes bursaeformis*, *P. seelyi* n. sp. Vermont. **Perkins**, G. H. l.c. (208–209).

Rubioides n. gen., *R. lignita* n. sp. Vermont. **Perkins**, G. H. l.c. (193).

Sapindoides n. gen., *S. barius*, *S. parva*, *S. medius*, *S. vermontanus*, *S. cylindricus*, *S. minimus* nn. spp. Vermont. **Perkins**, G. H. l.c. (206–208).

Tricarpellites nn. spp. Vermont. **Perkins**, G. H. l.c. (186–190).

5400.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Acacia beneschi n. sp. **Brabenec**, F. Prag, Bull. Ac. Sci. Franç. Jos., 9, 1904, 2. Heft, (1–5, mit 1 Taf.).

Cinnamomum, Geschichte des Genus. **†Staub**, M. Budapest, 1905, (138, mit 2 Kart. und 26 Taf.).

5400.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Betula. **Kerner**, F. v. Wien, Jahrb. Geol. RchsAnst., 55, 1905, (605).

Bumelia. **Kerner**, F. v. l.c. (607).

Cassia. **Kerner**, F. v. l.c. (609–610).

Ceratophyllum sinjannum n. sp.
Kerner, F. v. l.c. (594-597, Taf. XV,
figs. 1-2).

Cinnamomum. Kerner, F. v. l.c.
(606-607).

——— Geschichte des Genus.
†Staub, M. Budapest, 1905, (138, mit
2 Karte und 28 Taf.).

Diospyros. Kerner, F. v. Wien,
Jahrb. Geol. Reichsanst., 55, 1905, (607-
608).

Dryandroides. Kerner, F. l.c. (607).

Ficus. Kerner, F. v. l.c. (605-606).

Juglans. Kerner, F. v. l.c. (609).

Myrica. Kerner, F. v. l.c. (604-
605).

Myrsine. Kerner, F. v. l.c. (607).

Rhododendron. Kerner, F. v. l.c.
(606-609).

**6400.95 PLEISTOCENE AND
RECENT.**

Cinnamomum, Geschichte des Genus.
†Staub, M. Budapest, 1905, (138, mit 2
Karten und 28 Taf.).

Corylus in Schweden. Andersson, G.
Bot. Jahrb., Leipzig, 33, 1903-4, (493-
501).

——— *avellana* in Schweden
ehedem und jetzt. Andersson, G. Stock-
holm, Sv. Geol. Unders., Ser. Ca, No. 3,
1902, (168, mit Karte und Taf.).

Dryas octopetala in Norway. (Norw.)
Øyen, P. A. Kristiania, Forh. Vid
elsk., 1904, No. I, (4).

Salix reticulata in Norway. (Norw.)
Øyen, P. A. l.c. (4).

6000 MONOCOTYLEDONS.

6000.75 CRETACEOUS.

Flabellaria magothensis n. sp. Dela-
ware and Maryland. Berry, E. W. New
York, N.Y., 6, 1905, (30-33, with text
fig.).

**6000.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).**

Cyperites tulari, n. form. aff. *Carex*
tertiaria Ung. Kerner, F. v. Wien,

Jahrb. Geol. Reichsanst., 55, 1905,
(597-599, Taf. XV, figs. 3 and 7).

Dumetia pulchra n. sp. Kerner,
F. v. l.c. (601-602, Taf. XV, fig. 5).

**6000.95 PLEISTOCENE AND
RECENT.**

Dulichium spathaceum Pers. in dän-
schen interglazialen Torfmooren.
Harts, N. Bot. Jahrb., Leipzig, 36,
1905, (78-81).

6500 GYMNOSPERMS.

**6500.35 GENERAL, INCLUD-
ING STRATA OF UNKNOWN
AGE.**

GENERAL.

Berry, E. W. The ancestors of the
big trees. Pop. Sci. Mon., New York,
N.Y., 67, 1905, (465-474, with text
fig.).

SPECIAL.

Araucarites, Jahresringbildung der
Stämme. Gothan, W. Natw. Wo-
chenschr., Jena, 19, 1904, (913-917).

6500.55 UPPER PALAEOZOIC.

Araucarioxylon. Stenzel, J. T.
Chemnitz, Ber. natw. Ges., 15, (1899-
1903), 1904, (23-41).

Padoxylon australe n. sp. Australia.
Arber, E. A. N. Catal. Glossopiers
Flora, Brit. Mus., 1905, (191).

6500.60 MESOZOIC.

Androstrobus scotti n. sp. Nathorst,
A. G. Stockholm, Vet.-Ak. Handl., 36,
No. 4, 1902, (5-6, with pl.).

Antherangiopsis n. gen., *A. redinica*
n. sp. Nathorst, A. G. l.c. (20, with
pl.).

Beania carruthersi n. sp. Nathorst,
A. G. l.c. (21).

Cycadocephalus n. gen., *C. serrard* n.
sp. Nathorst, A. G. l.c. (7, with pl.).

Otozamites nn. spp. Bornholm. **Möller**, H. l.c. No. 6, 1903, (12-18, with pl.).

Stenorrachis solmsi n. sp., *S. scanicus* nov. nom. for *Zamioctrobus stenorrachis* Nathorst. **Nathorst**, A. G. l.c. No. 4, 1902, (16-18, with pl.).

Taxites subzamioideus n. sp. Bornholm. **Möller**, H. l.c. No. 6, 1903, (34-35, with pl.).

Williamsonia angustifolia, ausführliche Beschreibung, besonders mit Rücksicht auf die Blüten. **Nathorst**, A. G. l.c. No. 4, 1902, (9-16, mit Taf.).

6500.75 CRETACEOUS.

Abietites glückii n. sp. **Richter**, P. Kreidepflanzen Quedlinburgs, 1904, (20, mit 2 Taf.).

Baiera ? sp. Rikuzen. **Yokoyama**, M. Tokyo, J. Coll. Sci., 18, Art. 6, 1904, (10, pl. I, fig. 2).

Ceratostrobus. **Bayer**, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, 11, Nr. 2, 1901, (108).

Cunninghamia. **Bayer**, E. in Frič und Bayer. l.c. (97-98).

Cyparissidium. **Bayer**, E. in Frič und Bayer. l.c. (109).

Dammara. **Bayer**, E. in Frič und Bayer. l.c. (95).

Dioonites. **Bayer**, E. in Frič und Bayer. l.c. (88).

Echinostrobus. **Bayer**, E. in Frič und Bayer. l.c. (106-107).

Frenelopsis. **Bayer**, E. in Frič und Bayer. l.c. (112).

Geinitzia microcarpa n. sp. **Richter**, P. Kreidepflanzen Quedlinburgs, 1904, (20, mit 2 Taf.).

Krannera. **Bayer**, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, 11, Nr. 2, 1901, (93).

Microzamia. **Bayer**, E. in Frič und Bayer. l.c. (92).

——— ? *dubia* n. sp. New Jersey. **Berry**, E. W. New York, N.Y., Bull. Torrey Bot. Cl., 32, 1905, (43-48, with 2 pls.)

Nilssonia. **Bayer**, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, 11, Nr. 2, 1901, (88).

Pinus. **Bayer**, E. in Frič und Bayer. l.c. (93-100).

Plutonia. **Bayer**, E. in Frič und Bayer. l.c. (101).

Podozamites. **Bayer**, E. in Frič und Bayer. l.c. (90-92).

Sequoia. **Bayer**, E. in Frič und Bayer. l.c. (102-105).

——— *intermedia* n. sp. **Richter**, P. Kreidepflanzen Quedlinburgs, 1904, (20, mit 2 Taf.).

Zamiopsis brevipennis n. sp. **Richter**, P. l.c. (20, mit 2 Taf.).

Zamites. **Bayer**, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, 11, Nr. 2, 1901, (180 + IV).

6500.80 CAENOZOIC.

Cucumites lesquereuxii Kn. Vermont. **Perkins**, G. H. Vermont, Rep. Geol., Burlington, 1903-1904, 1904, (211-212).

Drupa rhabdosperma Lx. Vermont. **Perkins**, G. H. l.c. (210-211).

Illicium lignitum Lx. Vermont. **Perkins**, G. H. l.c. (210).

Pinus nn. spp. Vermont. **Perkins**, G. H. Vermont, Rep. Geol., Burlington, 1903-1904, 1904, (209).

6500.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Picea excelsa var. *alpestris* Brügger. Deutschland. **Glück**, H. Heidelberg, Mitt. geol. Landesanst., 4, 1903, (397-428, mit 1 Taf.).

Pinus. **Kerner**, F. v. Wien, Jahrb. Geol. RchsAnst., 55, 1905, (604).

Sequoia penhallowii n. sp. California. **Jeffrey**, E. C. Bot. Gaz., Chicago, Ill., Univ. Chic., 38, 1904, (321-332, with 2 pls.).

6500.95 PLEISTOCENE AND RECENT.

Picea excelsa var. *alpestris* Brügger. Deutschland. **Glück**, H. Heidelberg, Mitt. geol. Landesanst., 4, 1903, (397-428, mit 1 Taf.).

6600 CYCADOFILICES.

6600.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Grand'Eury. Sur les rhizomes et les racines des fougères et des cycadofilices. Paris, C.-R. Acad. sci., 138, 1904, (607-608).

Zeller, R. Observations au sujet du mode de fructification des Cycadofilicines. *l.c.* (663-665).

6600.45 PALAEOZOIC.

Ward, L. F. Paleozoic seed plants. Science, New York, N.Y., (N. Ser.), 20, 1904, (279-281).

6600.55 UPPER PALAEOZOIC.

GENERAL.

Arber, E. A. The seed-bearing habit in the Lyginodendreae. Cambridge, Proc. Phil. Soc., 13, 1905, (158-160).

Coulter, J. M. "Pteridospermaphyta." Science, New York, N.Y., (N. Ser.), 20, 1904, (149).

Oliver, F. W. Ueber die neuentdeckten Samen der Steinkohlenfarne. Biol. Centralbl., Leipzig, 25, 1905, (401-418).

Ward, L. F. The Pteridospermaphyta. Science, New York, N.Y., (N. Ser.), 20, 1904, (25-26).

SPECIAL.

Iagenostoma nn. spp. **Arber, E. A. N.** London, Proc. R. Soc., 76, 1905, (247, 251).

—— *kidstoni* S. & A., *L. sinclairi* Kidston. **Scott, D. H. and Arber, E. A. N.** London, Rep. Brit. Ass., 1904, (1905), (778).

Lyginodendron, presence of gymnospermous seeds in. **Berry, E. W.** Science, New York, N.Y., (N. Ser.), 20, 1904, (56-57, 86-87).

6700 VASCULAR CRYPTO-GAMS.

6700.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Grand'Eury. Sur les rhizomes et les racines des fougères fossiles et des

cycadofilices. Paris, C.-R. Acad. sci., 138, 1904, (607-608).

SPECIAL.

Calamites, relation of root to stem. **Maulen, A. J.** Ann. Bot., Oxford, 13, 1905, (61-74, with pls. and fig.).

Lepidodendron, Nomenclatur und Artkritik. **Fischer, F.** Berlin, Abh. geol. Landesanst., (N.F.), H. 30, 1904, (iii + 80).

Psaronius brasiliensis. **Schmalenbach, H.** In: Festschrift für P. Ascherson, Berlin, 1904, (18-26).

Stauropteris oldhamia Binney, sporangia. **Scott, D. H.** N. Phytol., London, 4, 1905, (114-120, with figs.).

6700.55 UPPER PALAEOZOIC.

GENERAL.

Peklo, Jaroslav. Psaronien—Stämme der fossilen Marattiaceen. (Čechisch) Prag, Věstn. České Ak. Frant. Jos., 13, 1904, (669-680).

Renault, B. Quelques remarques sur les cryptogames anciennes et les sols fossiles de végétation. Paris, C.-R. Acad. sci., 138, 1904, (1237-1239).

SPECIAL.

Archaeopteris intermedia n. sp. Bären-Insel. **Nathorst, A. G.** Stockholm, Vet.-Ak. Handl., 36, No. 3, 1902, (18-19, with pl.).

Bothrodendron (Cyclostigma) brevifolium n. sp. Bären-Insel. **Nathorst, A. G.** *l.c.* (40-41, with pl.).

—— *punctatum*, *B. minutifolium*, **Zalëskij, M.** St. Peterburg, Mém. Com. géolog., (N. sér.), 13, 1904, (43-44); rés. fr., (105-107).

Bothrostrobus olryi. **Zalëskij, M.** *l.c.* (44), rés. fr. (107).

Cephalotheca n. gen., *C. affinis*, *C. ? major*, *C. mirabilis*, nn. spp. Bären-Insel. **Nathorst, A. G.** Stockholm, Vet.-Ak. Handl., 36, No. 3, 1902, (15-17, with pl.).

Fayolia from Ilkeston. **Newton, E. T.** London, Q. J. Geol. Soc., 61, 1905, (Proc. i).

Glossopteris, morphology. **Arber**, E. A. N. London, Rep. Brit. Ass., **1904**, (1905), (781).

——— *browniana*, Brongn., sporangium-like organs of. **Arber**, E. A. N. London, Q. J. Geol. Soc., **61**, 1905, (324–338, with pls.).

Lepidodendron nn. spp. [Lepidodendraceae]. **Herrick**, C. L. J. Geol., Chicago, Ill., **12**, 1904, (250–251).

——— nn. spp. Russland. **Zalësskij**, M. St. Petersburg, Mém. Com. géolog., (N. sér.), **13**, 1904, (3–30); rés. fr., (81–99).

Lepidophloios laricinus. **Zalësskij**, M. l.c. (30); rés. fr., (99–101).

Lepidophyllum lanceolatum, *L. majus*. **Zalësskij**, M. l.c. (42); rés. fr., (104–105).

Lepidostrobus kidstoni n. sp.; Russland. *L. squarrosus*, *L. variabilis*. **Zalësskij**, M. l.c. (39–41); rés. fr., (102–105).

Lycopodites carbonaceus. **Zalësskij**, M. l.c. (38); rés. fr., (102).

Macrostachya heeri n. sp. Bären-Insel. **Nathorst**, A. G. Stockholm, Vet.-Ak. Handl., **36**, No. 3, 1902, (28–29, with pl.).

Phyllothea etheridgei n. sp. N. S. Wales. **Arber**, E. A. N. Catal. Glossopteris Flora, Brit. Mus., 1905, (26).

Pteridorachis n. gen., provisorischer Name für Farnspindelreste, die als Abdrücke oder in verkohltem Zustande vorliegen. **Nathorst**, A. G. Stockholm, Vet.-Ak. Handl., **36**, No. 3, 1902, (11–13).

Rhizomopteris nordenskiöldi n. sp. Bären-Insel. **Nathorst**, A. G. l.c. (10, with pl.).

Sigillaria nn. spp. and several old spp. Russland. **Zalësskij**, M. St. Petersburg, Mém. Com. géolog., (N. sér.), **13**, 1904, (47–73); rés. fr., (108–123).

Sphenophyllum (*Trizygia*) *costae* n. sp. **Sterzel**, [J. T.]. Chemnitz, Ber. natw. Ges., **15**, (1899–1903), 1904, (LXIX–LXXII).

——— *fertile* n. sp. **Scott**, D. H. London, Rep. Brit. Ass., **1904**, 1905, (777–778); London, Phil. Trans. R. Soc., **198 B**, 1905, (17–39, with 3 pls.).

——— *subtenerrimum* n. sp. Bären-Insel. **Nathorst**, A. G. Stock-

holm, Vet.-Ak. Handl., **36**, No. 3, 1902, (23–24, with pl.).

Sphenopteridium keilhau n. sp. Bären-Insel. **Nathorst**, A. G. l.c. (13–14, with pl.).

Stigmaria ficoides. **Zalësskij**, M. St. Petersburg, Mém. Com. géolog., (N. Sér.), **13**, 1904, (77–80), rés. fr., (123–124, pl.).

Syringodendron alternans, *S. tschernyschewi* n. sp. Russland. **Zalësskij**, M. l.c. (76), rés. fr. (123).

Ulodendron. **Zalësskij**, M. (N. Sér.) l.c. (35–36); rés. fr. (101–102).

6700.60 MESOZOIC.

Asplenites cladophleboides n. sp. Bornholm. **Möller**, Hj. Lund, Univ. Årsskr., Afd. 2, **38**, No. 5, 1902, (27, with pl.).

Cladophlebis hirta n. sp. Bornholm. **Möller**, Hj. l.c. (30–31, with pl.).

Ctenis nathorsti n. sp. Bornholm. **Möller**, Hj. l.c. (38, with pl.).

Dicksonia pauciloba n. sp. Bornholm. **Möller**, Hj. l.c. (21, with pl.).

Dictyophyllum bartholini n. sp. Bornholm. **Möller**, Hj. l.c. (44–45, with pl.).

Hausmannia (*Protorhipis*) *acutidens* n. sp. Bornholm. **Möller**, Hj. l.c. (44–45, with pl.).

Sphenopteris acutidens n. sp. Bornholm. **Möller**, Hj. l.c. (23, with pl.).

6700.75 CRETACEOUS.

Acrostichum. **Bayer**, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, **11**, Nr. 2, 1901, (61–69).

Dicksonia. **Bayer**, E. in Frič und Bayer. l.c. (76).

Dipteriphyllum. **Bayer**, E. in Frič und Bayer. l.c. (73).

Drynaria. **Bayer**, E. in Frič und Bayer. l.c., (70–72).

Equisetum zeilleri n. sp. **Richter**, P. Kreidepflanzen Quedlinburgs, 1904, (20, mit 2 Taf.).

Gleichenia. **Bayer**, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, **11**, Nr. 2, 1901, (79–80).

Gymnogramme. Bayer, E. in Frič und Bayer. l.c. (70).

Marsilia. Bayer, E. in Frič und Bayer. l.c. (86).

Oncopteris. Bayer, E. in Frič und Bayer. l.c. (84).

Paracallipteris patoniei n. sp. Richter, P. Kreidepflanzen Quedlinburgs, 1904, (20, mit 2 Taf.).

Parathinnfeldia dubia n. sp. Richter, P. l.c. (20, mit 2 Taf.).

Tempskya. Bayer, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, 11, Nr. 2, 1901, (77).

7300 CHARACEAE.

7300.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Kerner v[on Marilaun], Fritz [Ritter]. Neopflanzen vom Nordrande des Sinjsko Polje in Mitteldalmatien. Wien, Jahrb. Geol. RchsAnst., 55, 1905, (593-612, mit 1 Taf.).

Chara. Kerner, F. v. l.c. (600-601, Taf. XV, fig. 4).

7400 ALGAE AND SCHIZOPHYCEAE.

7400.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Acanthodiscus n. gen., *A. rugosus* sp. Pantocsek, J. Beitr. Kennt. foss. Bacillarien Ungarns, Berlin, 1903.

Achnanthes löczyi n. sp., *A. baldjickii* var. *subquadrata* n. var. Pantocsek, J. l.c.

Actinocyclus nn. spp. Pantocsek, J. l.c.

Actinodictyon n. gen., *A. antiquorum*, *A. weissflogii*, nn. spp. Pantocsek, J. l.c.

Actinoptychus nn. spp., nn. varr. Pantocsek, J. l.c.

Alloeoneis nn. spp. Pantocsek, J. l.c.

Amphiprora nn. spp. Pantocsek, J. l.c.

Amphora nn. spp., nn. varr. Pantocsek, J. l.c.

Anisodiscus n. gen., *A. pantocsekii* n. sp. Grun in Pantocsek, J. l.c.

Arachnoidiscus nn. spp. Pantocsek, J. l.c.

Asterolampra marylandica var. *fossilis* n. var. Pantocsek, J. l.c.

Asteromphalus nn. spp. Pantocsek, J. l.c.

Aulacodiscus nn. spp., nn. varr. Pantocsek, J. l.c.

Auliscus nn. spp., *A. stoeckhardtii* var. *flavescens* n. var. Pantocsek, J. l.c.

Auricula nn. spp. Pantocsek, J. l.c.

Berkeleya nn. spp. Pantocsek, J. l.c.

Biddulphia nn. spp., nn. varr. Pantocsek, J. l.c.

Brightwellia russica n. sp. Pantocsek, J. l.c.

Campylodiscus nn. spp. Pantocsek, J. l.c.

Centroporus n. gen., *C. crassus* n. sp. Pantocsek, J. l.c.

Cerataulus nn. spp., nn. varr. Pantocsek, J. l.c.

Chaetoceros nn. spp. Pantocsek, J. l.c.

Cheloniodiscus n. gen., *C. ananiensis* n. sp. Pantocsek, J. l.c.

Claricula n. gen., *C. biharensis*, *C. jimboi*, *C. kinkerii*, *C. szakalensis* nn. spp. Pantocsek, J. l.c.

Climacosphenia moniligera Ehrbg. var. *hungarica* n. var. Pantocsek, J. l.c.

Cocconeis nn. spp., nn. varr. Pantocsek, J. l.c.

Coscinodiscus nn. spp. Pantocsek, J. l.c.

Coscinoides deformatus n. sp. Pantocsek, J. l.c.

Craspedodiscus weissflogii n. sp. Pantocsek, J. l.c.

Craspedoporus truunii n. sp. Pantocsek, J. l.c.

Craticula hungarica n. sp. Pantocsek, J. l.c.

Cyclotella nn. spp., n. var. Pantocsek, J. l.c.

Cymatopleura nn. spp. **Pantocsek, J. l.c.**

Cymatosira ? *biharensis* n. sp. **Pantocsek, J. l.c.**

Cymbella nn. spp., nn. varr. **Pantocsek, J. l.c.**

Debya n. gen., *D. insignis* n. sp. **Pantocsek, J. l.c.**

Diatoma fossile n. sp., *D. anceps* var. *fossilis* n. var. **Pantocsek, J. l.c.**

Dimeregramma boryanum n. sp. **Pantocsek, J. l.c.**

Dycladia japonica n. sp. **Pantocsek, J. l.c.**

Endictya nn. spp. **Pantocsek, J. l.c.**

Entopyla nn. spp. **Pantocsek, J. l.c.**

Epithelion n. gen., *E. curvatum* *E. hungaricum*, *E. russicum*, *E. spinifer* nn. spp. **Pantocsek, J. l.c.**

Epithemia nn. spp., nn. varr. **Pantocsek, J. l.c.**

Ethmodiscus nn. spp. **Pantocsek, J. l.c.**

Euodia hungarica n. sp. **Pantocsek, J. l.c.**

Eunotia nn. spp. **Pantocsek, J. l.c.**

Fragilaria nn. spp., nn. varr. **Pantocsek, J. l.c.**

Gomphonema nn. spp., nn. varr. **Pantocsek, J. l.c.**

Goniothecium ?? *szakalense* n. sp. **Pantocsek. l.c.** Teil. 1, (44).

Grammatophora nn. spp., nn. varr. **Pantocsek, J. l.c.**

Gyrodiscus hungaricus n. sp. **Pantocsek, J. l.c.**

Haynaldella n. gen., *H. antiqua* n. sp. **Pantocsek, J. l.c.**

Ilemiaulus nn. spp. **Pantocsek, J. l.c.**

Himantidium boryanum n. sp. **Pantocsek, J. l.c.**

Hyalodiscus nn. spp. **Pantocsek, J. l.c.**

Hydrosera boryana n. sp., var. *hexagona* n. var. **Pantocsek, J. l.c.**

Isthmia szabói n. sp. **Pantocsek, J. l.c.**

Kentrodiscus n. gen., *K. fossilis* n. sp. **Pantocsek, J. l.c.** Bd. 2, (76-77).

Keratophora n. gen., *K. nitida*, *K. robusta*, *K. russica* nn. spp. **Pantocsek, J. l.c.**

Ktenodiscus n. gen., *K. hungaricus*, *K. russicus* nn. spp. **Pantocsek, J. l.c.**

Lamprotediscus fasciculatus n. sp. **Pantocsek, J. l.c.**

Mastogloia nn. spp., nn. varr. **Pantocsek, J. l.c.**

Mastogonia aimbirakiana n. sp. **Pantocsek, J. l.c.**

Melosira nn. spp., nn. varr. **Pantocsek, J. l.c.**

Navicula nn. spp. nn. varr. **Pantocsek, J. l.c.**

Nitzschia nn. spp., nn. varr. **Pantocsek, J. l.c.**

Nucula nn. spp., nn. varr. **Pantocsek, J. l.c.**

Odontella nn. spp. **Pantocsek, J. l.c.**

Odontotropis nn. spp. **Pantocsek, J. l.c.**

Orthoneis nn. spp. **Pantocsek, J. l.c.**

Pantocsekia n. gen., *P. clivosa* n. sp. **Grun in Pantocsek, J. l.c.**

Paralia nn. spp., n. var. **Pantocsek, J. l.c.**

Peronia boryana n. sp. **Pantocsek, J. l.c.**

Plagiogramma nn. spp. **Pantocsek, J. l.c.**

Pleurosigma nn. spp. **Pantocsek, J. l.c.**

Ploiaria n. gen., *P. petasiformis*. **Pantocsek, J. l.c.**

Podosira nn. spp. **Pantocsek, J. l.c.**

Pseudoauliscus nn. spp. **Pantocsek, J. l.c.**

Pseudocerataulus n. gen., *P. kinkerii*, *P. kochii*, *P. temperei* nn. spp. **Pantocsek, J. l.c.**

Pyrgodiscus kinkerii n. sp. **Pantocsek, J. l.c.**

Pyxilla nn. spp., nn. varr. **Pantocsek, J. l.c.**

Rhabdonema nn. spp., nn. varr. **Pantocsek, J. l.c.**

Rhaphoneis nn. spp., nn. varr. **Pantocsek, J. l.c.**

Rhizosolenia squamosa n. sp. Pantocsek, J. l.c.

Rutilaris nn. spp. Pantocsek, J. l.c.

Salacia n. gen., *S. boryana* n. sp. Pantocsek, J. l.c.

Scoliopleura anabaleensis n. sp. Pantocsek, J. l.c.

Stauroneis nn. spp. Pantocsek, J. l.c.

Stauroneis nn. spp., nn. varr. Pantocsek, J. l.c.

Stephanodiscus nn. spp. Pantocsek, J. l.c.

Stephanogonia nn. spp. Pantocsek, J. l.c.

Stephanopyxis nn. spp. Pantocsek, J. l.c.

Stictodiscus nn. spp. Pantocsek, J. l.c.

Stigmaphora ? *hungarica* n. sp. Pantocsek, J. l.c.

Stylobibulum nn. spp. Pantocsek, J. l.c.

Surirella nn. spp., nn. varr. Pantocsek, J. l.c.

Syndetoneis russica n. sp. Pantocsek, J. l.c.

Synedra nn. spp., nn. varr. Pantocsek, J. l.c.

Terpsinoë nn. spp. Pantocsek, J. l.c.

Tetracyclus lacustris var. *fossilis* n. var. Pantocsek, J. l.c.

Triceratium nn. spp., nn. varr. Pantocsek, J. l.c.

Trinacria nn. spp., nn. varr. Pantocsek, J. l.c.

Truania n. gen., *T. archangelskiana* n. sp. Pantocsek, J. l.c.

Tschestnowia n. gen., *T. mirabilis* n. sp., var. *partita* n. var., var. *polyzona* n. var. Pantocsek, J. l.c.

Vanheurekella n. gen., *V. admirabilis* n. sp. Pantocsek, J. l.c.

Willia n. gen., *W. insignis* n. sp. Pantocsek, J. l.c.

Xanthiopyxis panduraeformis n. sp. Pantocsek, J. l.c.

Zygoceros antiquus nn. spp., n. var. Pantocsek, J. l.c.

7400.55 UPPER PALAEOLITHIC.

Sphaerocerosites dyakianus n. sp. Deutschland. Stern, [J. T.] Chemik. Ber. natw. Ges., 25, (1899-1900), 184, (LXIX-LXXII, mit 1 Taf.).

7400.65 TRIASSIC.

Dactyliosira cancellata Her. Schuster, H. Stuttgart, Jahrbuch Ver. Natk., 60, 1904, (351-355).

7400.75 CRETACEOUS.

Trichodesmium. Reisch, P. F. Centralbl. Min., Stuttgart, 1905, (402-407).

7400.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Achnanthes lanceolata (Bréb.) Grun. Pantocsek, J. Pozsonyi Orv.-term. Egy. Közlem., 24, (1903), 1904, (11).

Cocconeis boryana Pant. Pantocsek, J. l.c. (11).

Cyclotella pygmaea n. sp. Ungarn. Pantocsek, J. l.c. (15).

Cymbella nn. spp. Pantocsek, J. l.c. (4-5).

Disiphonia hungarica n. sp. Ungarn. Pantocsek, J. l.c. (14).

Encyonema caespitosum Ky. var. *fossilis* n. var.; *E. validum* Pant. Pantocsek, J. l.c. (5).

Epithemia arcuata Pant. and nn. varr. Pantocsek, J. l.c. (11-12).

Eunotia nn. spp. *E. (Himantidium) pectinalis* (Kg.) Rbh. Pantocsek, J. l.c. (12-13).

Fragilaria brevistriata Grun.; *F. Venter*. Pantocsek, J. l.c. (13-14).

Gomphonema nn. spp. Ungarn, *G. bengalense* Grun., *G. vanheurekii* Pant., *G. vibrio* E. Pantocsek, J. l.c. (10-11).

Melosira arenaria Moore, *M. granulata* Ralfs. var. *boryana* Pant., *M. undulata* Kg. var. *pygmaea* n. var. Pantocsek, J. l.c. (15).

Navicula nn. spp. Ungarn., *N. amphirhynchus*, *N. aterna* P. H., *N. carpathorum* Pant., *N. fussidium*, *N. mesolepta*, *N. nobilis* Kg. var. *interrupta* Pant., *N. oblongella* Naeg., *N. parmula* Bréb., *N. pupula* Kg., *N. rhynchocephala* Kg., *N. viridis* (Nitzsch) Kg. var. *pachyptera* Pant. forma *interrupta* Pant., *N. viridis* (Nitzsch) Kg. var. *parallelestriata* Pant. forma *staurophora* Pant. **Pantocsek, J.** l.c. (5-10).

Nitzschia (*Synedra*) *spectabilis* Ralfs. **Pantocsek, J.** l.c. (14).

Phacotus lenticularis. **Lagerheim, G.** Stockholm, Geol. För. Förh., **24**, 1902, [1903], (745-500, with pl.).

Rhopalodia gibba O. Müll. var. *incisa* n. var. **Pantocsek, J.** Pozsonyi Orv.-termt. Egly. Közlem., **24**, (1903), 1904, (12).

Semseyia hungarica n. sp. Ungarn. **Pantocsek, J.** l.c. (13).

Stauroneis anceps, *S. phoenicenteron* var. *angustior* n. var. **Pantocsek, J.** l.c. (5).

Stephanodiscus entzii n. sp. Ungarn. **Pantocsek, J.** l.c. (16).

Synedra affinis Kg. forma *nuda* Pant., *S. obtusa* W. Sm. **Pantocsek, J.** l.c. (13).

Széchenyia n. gen., *S. antiqua*, *S. gracilis*, *S. ornata* nn. spp. Ungarn. **Pantocsek, J.** l.c. (14-15).

7400.95 PLEISTOCENE AND RECENT.

Phacotus lenticularis. **Lagerheim, G.** Stockholm, Geol. För. Förh., **24**, 1902, [1903], (745-500, with pl.).

7700 FUNGI, BACTERIA AND MYCETOZOA.

7700.75 CRETACEOUS.

Cercospora. **Bayer, E.** in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, **11**, Nr. 2, 1901, (66).

Phacidium. **Bayer, E.** in Frič und Bayer. l.c. (67).

Puccinities. **Bayer, E.** in Frič und Bayer. l.c. (65).

7700.80 CAENOZOIC.

Sphaeria radialis n. sp. Vallendar am Rhein. **Engelhardt, H.** Wiesbaden, Jahrb. Ver. Natk., **58**, 1905, (295-319).

7900 PLANTS OF UNASCERTAINED POSITION.

7900.55 UPPER PALAEOZOIC.

Anarthrocanna göpperti n. sp. Bären-Insel. **Nathorst, A. G.** Stockholm, Vet.-Ak. Handl., **36**, No. 3, 1902, (42, with pl.).

Codonophyton n. gen., *C. epiphyticum* n. sp. Bären-Insel. **Nathorst, A. G.** l.c. (45-47, with pl.).

7900.75 CRETACEOUS.

Carpolithes. **Bayer, E.** in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, **11**, Nr. 2, 1901, (160).

Carpolithus nn. spp. New Jersey. **Berry, E. W.** New York, N.Y., Bull. Torrey Bot. Cl., **32**, 1905, (43-48, with 2 pls.).

Corticites. **Bayer, E.** in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, **11**, Nr. 2, 1901, (161).

Dewalquea. **Bayer, E.** in Frič und Bayer. l.c. (158).

Phyllites cliffwoodensis n. sp. New Jersey. **Berry, E. W.** New York, N.Y., Bull. Torrey Bot. Cl., **32**, 1905, (43-48, with 2 pls.).

Pseudosterophyllites. **Bayer, E.** in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, **11**, Nr. 2, 1901, (87).

Sagenopteris. **Bayer, E.** in Frič und Bayer. l.c. (86).

7900.80 CAENOZOIC.

Glossocarpellites n. gen., type *Carpolithes parvus* Perkins. **Perkins, G. H.** Rochester, N.Y., Bull. Geol. Soc. Amer., **16**, 1905, (510-511). Separate. 25.5 cm.

LIST OF NEW GENERA AND SPECIES.

5400 DICOTYLEDONS.

Acacia [Leguminosae].

_____ *beneschi*. Brabenec. 2849.

Agrimopsis [Incertae sedis].

_____ *parva*. Perkins. 3273.

Aristolochites [Aristolochiaceae].

_____ *acutus*. Perkins. 3273.

_____ *apicalis*. Perkins. 3273.

_____ *brandonianus*. Perkins.
3273.

_____ *conoides*. Perkins. 3273.

_____ *crassicostratus*. Perkins.
3273.

_____ *cuneatus*. Perkins. 3273.

_____ *curvata* n. comb. Perkins.
3273.

_____ *dubius*. Perkins. 3273.

_____ *elegans*. Perkins. 3273.

_____ *excavatus*. Perkins. 3273.

_____ *globosus*. Perkins. 3273.

_____ *irregularis*. Perkins. 3273.

_____ *latisulcatus*. Perkins. 3273.

_____ *majus*. Perkins. 3273.

_____ *ovoides*. Perkins. 3273.

_____ *rugosus*. Perkins. 3273.

_____ *sulcatus*. Perkins. 3273.

Bicarpellites n. gen. [Juglandaceae]

_____ Perkins. 3273.

_____ *knoultoni* Perkins. 3273.

_____ *minus*. Perkins. 3273.

_____ *obesus*. Perkins. 3273.

_____ *rotundus*. Perkins. 3273.

_____ *rugosus*. Perkins. 3273.

_____ *vermontanus* n. comb. Per-
kins. 3273.

Biononia [Bignoniaceae].

_____ *westerhausiana*. Richter.
3317.

Brandonia n. gen. [Juglandaceae]. Per-

_____ kins. 3273.

_____ *globulus*. Perkins. 3273.

Carpites [Incertae sedis].

_____ *inequalis*. Perkins. 3273.

_____ *ovalis*. Perkins. 3273.

_____ *trigonus* Perkins. 3273.

Carpolithes [Incertae sedis].

_____ *elongatus* Perkins. 3273.

_____ *emarginatus* Perkins. 3273.

_____ *grandis*. Perkins. 3273.

_____ *hitchcockii*. Perkins. 3273.

_____ *mucronatus*. Perkins. 3273.

_____ *obtusus*. Perkins. 3273.

_____ *ovatus*. Perkins. 3273.

_____ *parvus* Perkins. 3273.

_____ *simplex*. Perkins. 3273.

_____ *solidus*. Perkins. 3273.

_____ *vermontanus*. Perkins. 3273.

Ceratophyllum [Ceratophylleae].

_____ *sinjanum*. Kerner. 3107.

Cinnamomum [Laurineae].

_____ *corrugatum*. Perkins. 3273.

_____ *lignitum*. Perkins. 3273.

_____ *ovoides*. Perkins. 3273.

Eucalyptus [Myrtaceae].

_____ *wardiana* n. nom. Berry.
2826.

Ficus [Urticaceae].

_____ *daphnogenoides* n. comb.
Berry. 2827.

Hicoria [Juglandaceae].

_____ *biacuminata*. Perkins. 3273.

Hicoroides n. gen. [Juglandaceae].

_____ Perkins. 3273.

_____ *angulata*. Perkins. 3273.

_____ *ellipsoidea*. Perkins. 3273.

_____ *globulus*. Perkins. 3273.

_____ *parva*. Perkins. 3273.

_____ *triangularis*. Perkins. 3273.

Juglans [Juglandaceae].

_____ *brandonianus*. Perkins.
3273.

LAURUS [Laurineae].

———— *ungeri*. Engelhardt. 2960.

LIBIODENDRON [Magnoliaceae].

———— *schwarzii*. Richter. 3317.

Monocarpellites n. gen. [Juglandaeae].
Perkins. 3273.

———— *elegans*. Perkins. 3273.
 ——— *gibbosus*. Perkins. 3273.
 ——— *hitchcockii*. Perkins. 3273.
 ——— *irregularis*. Perkins. 3273.
 ——— *medius*. Perkins. 3273.
 ——— *orbicularis*. Perkins. 3273.
 ——— *ovalis*. Perkins. 3273.
 ——— *pyramidalis*. Perkins. 3273.
 ——— *sulcatus*. Perkins. 3273.
 ——— *vermontanus*. Perkins. 3273.
 ——— *whitfieldii*. Perkins. 3273.

MYRICA [Myricaceae].

———— *brittoniana* n. nom. Berry.
2826.

NYSSA [Cornaceae].

———— *ascoidea*. Perkins. 3273.
 ——— *clarkii*. Perkins. 3273.
 ——— *crassicostata*. Perkins. 3273.
 ——— *curta*. Perkins. 3273.
 ——— *cylindrica*. Perkins. 3273.
 ——— *elongata*. Perkins. 3273.
 ——— *equicostata*. Perkins. 3273.
 ——— *excavata*. Perkins. 3273.
 ——— *jonesii*. Perkins. 3273.
 ——— *lamellosa*. Perkins. 3273.
 ——— *lescurii* n. comb. Perkins.
3273.
 ——— *multicostata*. Perkins. 3273.
 ——— *ovata*. Perkins. 3273.
 ——— *solea*. Perkins. 3273.

Prunoides n. gen. [Rosaceae].
Perkins. 3273.

———— *bursaeformis* n. comb. Per-
kins. 3273.
 ——— *seelyi*. Perkins. 3273.

Rubioides n. gen. [Rubiaceae].
Perkins. 3273.

———— *lignita*. Perkins. 3273.

Sapindoides n. gen. [Sapindaceae].
Perkins. 3273.

———— *americanus* n. comb. Per-
kins. 3273.
 ——— *cylindricus*. Perkins. 3273.
 ——— *medius*. Perkins. 3273.
 ——— *minimus*. Perkins. 3273.
 ——— *parva*. Perkins. 3273.
 ——— *varius*. Perkins. 3273.
 ——— *vermontanus*. Perkins. 3273.

TRICARPELLITES [Juglandaeae].

———— *acuminatus*. Perkins. 3273.
 ——— *amygdaloideus*. Perkins.
3273.
 ——— *angularis*. Perkins. 3273.
 ——— *carinatus*. Perkins. 3273.
 ——— *castanoides*. Perkins. 3273.
 ——— *contractus*. Perkins. 3273.
 ——— *daleii*. Perkins. 3273.
 ——— *elongatus*. Perkins. 3273.
 ——— *fagoideus*. Perkins. 3273.
 ——— *fissilis* n. comb. Perkins.
3273.
 ——— *hemiovalis*. Perkins. 3273.
 ——— *inequalis*. Perkins. 3273.
 ——— *lignitus*. Perkins. 3273.
 ——— *major*. Perkins. 3273.
 ——— *obesus*. Perkins. 3273.
 ——— *ovalis*. Perkins. 3273.
 ——— *pringlei*. Perkins. 3273.
 ——— *rostratus*. Perkins. 3273.
 ——— *rugosus*. Perkins. 3273.
 ——— *seelyi*. Perkins. 3273.

6000 MONOCOTYLEDONS.**CYPERITES** [Cyperaceae].

———— *tiluri* n. form. Kerner. 3107.

DAMASONIUM [Alismaceae].

———— *sutinae*. Kerner. 3107.

FLABELLARIA [Malpighiaceae].

———— *magothiensis*. Berry. 2828.

6500 GYMNOSPERMS.**ABIETITES** [Coniferae].

———— *gluckii*. Richter. 3317.

ANDROSTROBUS [Cycadaceae].

———— *scotti*. Nathorst. 3214.

Antherangiopsis n. gen. [Cycadaceae].
Nathorst. 3214.

———— *rediviva*. Nathorst. 3214.

BEANIA [Cycadaceae].

———— *carruthersi*. Nathorst. 3214.

Cycadocephalus n. gen. [Cycadaceae].
Nathorst. 3214.

———— *sewardi*. Nathorst. 3214.

DADOXYLON [Conifera].

———— *australe*. Arber. 2801.

GEINITZIA [Coniferae].

———— *microcarpa*. Richter. 3317.

MICROZAMIA [Cycadaceae].

———— ? *dubia*. Berry. 2826.

AMPHORA.

- *permagna*. Pantocsek. 3262.
 ————— *protracta*. Pantocsek. 3262.
 ————— *salina* var. *fossilis* n. var.
 ————— Pantocsek. 3262.
 ————— *sejuncta*. Pantocsek. 3262.
 ————— *staubii*. Pantocsek. 3262.
 ————— *staurophora*. Pantocsek
 ————— 3262.
 ————— *striata*. Pantocsek. 3262.
 ————— *strigata*. Pantocsek. 3262.
 ————— *striolata*. Pantocsek. 3262.
 ————— *suavis*. Pantocsek. 3262.
 ————— *szabóii*. Pantocsek. 3262.
 ————— *szontághii*. Pantocsek. 3262.
 ————— *tertiaria*. Pantocsek. 3262.
 ————— *transylvanica*. Pantocsek.
 ————— 3262.
 ————— *verrucosa*. Pantocsek. 3262.
 ————— *vittata*. Pantocsek. 3262.
 ————— *wiesneri*. Pantocsek. 326.

Amphodiscus n. gen. Grun. 3262.

———— *pantocsekii*. Grun. 3262.

ARACHNOIDISCUS.

- *gigantous*. Pantocsek. 3262.
 ————— *rusnicus*. Pantocsek. 3262.
 ————— *simbirskianus*. Pantocsek.
 ————— 3262.

ASTEROLAMPA.

- *marylandica* var. *fossilis*
 ————— n. var. Pantocsek. 3262.

ASTEROMPHALUS.

- *brunii*. Pantocsek. 3262.
 ————— *debyi*. Pantocsek. 3262.
 ————— *grotsi*. Pantocsek. 3262.
 ————— *hungaricus*. Pantocsek.
 ————— 3262.
 ————— *kinkerii*. Pantocsek. 3262.

AULACODISCUS.

- *ananinensis*. Pantocsek.
 ————— 3262.
 ————— *antiquus*. Pantocsek. 3262.
 ————— *boryanus*. Pantocsek. 3262.
 ————— *chasei*. Pantocsek. 3262.
 ————— *cruciatus*. Pantocsek. 3262.
 ————— *darwinii*. Pantocsek. 3262.
 ————— *debyi*. Pantocsek. 3262.
 ————— *gurorii*. Pantocsek. 3262.
 ————— *habirshawii*. Pantocsek.
 ————— 3262.
 ————— *haynaldii*. Pantocsek. 3262.
 ————— *hispidus*. Pantocsek. 3262.
 ————— *hungaricus*. Pantocsek.
 ————— 3262.
 ————— *hyalinus*. Pantocsek. 3262.
 ————— *hystrix*. Pantocsek. 3262.
 ————— *interruptus*. Pantocsek.
 ————— 3262.

AULACODICTYA.

- *kellerii*. Pantocsek. 3262.
 ————— *lahusenii* var. *portita* n. var.
 ————— Pantocsek. 3262.
 ————— *ledebourii*. Pantocsek. 3262.
 ————— *lunyacsekii*. Pantocsek.
 ————— 3262.
 ————— *margaritaceus* var. *hun-*
 ————— *garica* n. var. Pantocsek.
 ————— 3262.
 ————— *neogradensis*. Pantocsek.
 ————— 3262.
 ————— *nigrescens*. Pantocsek.
 ————— 3262.
 ————— *notabilis*. Pantocsek. 3262.
 ————— *peragalloi*. Pantocsek. 3262.
 ————— *reticulatus*. Pantocsek. 3262.
 ————— *simbirskianus*. Pantocsek.
 ————— 3262.
 ————— *subangulatus*. Pantocsek.
 ————— 3262.
 ————— *szakalensis*. Pantocsek.
 ————— 3262.
 ————— *truanii*. Pantocsek. 3262.
 ————— *tachestnouii*. Pantocsek.
 ————— 3262.
 ————— *tuberculatus*. Pantocsek.
 ————— 3262.
 ————— *weisflogii*. Pantocsek. 3262.

AULISCU.

- *haradaas*. Pantocsek. 3262.
 ————— *hauekii*. Pantocsek. 3262.
 ————— *jimboi*. Pantocsek. 3262.
 ————— *lőczyi*. Pantocsek. 3262.
 ————— *stoeckhartii* var. *flavescens*
 ————— n. var. Pantocsek. 3262.

AURICULA.

- *grunowii*. Pantocsek. 3262.
 ————— *szontághii*. Pantocsek. 3262.

BERKELEYA.

- *hungarica*. Pantocsek. 3262.
 ————— *neogradensis*. Pantocsek.
 ————— 3262.

BIDDULPHIA.

- *crassiuscula*. Pantocsek.
 ————— 3262.
 ————— *desdiana*. Pantocsek. 3262.
 ————— *fistulosa*. Pantocsek. 3262.
 ————— *grotsi*. Pantocsek. 3262.
 ————— *gurorii*. Pantocsek. 3262.
 ————— *homala*. Pantocsek. 3262.
 ————— *jimboi*. Pantocsek. 3262.
 ————— *lőczyi*. Pantocsek. 3262.
 ————— *permagna*. Pantocsek. 3262.
 ————— *polycystinea*. Pantocsek.
 ————— 3262.
 ————— var. *sarmatica* n. var.
 ————— Pantocsek. 3262.

BIDDULPHIA.

- *robusta*. Pantocsek. 3262.
- *tridentata* var. *andesitica* n. var. Pantocsek. 3262.
- *tschestnowii*. Pantocsek. 3262.
- *tuomeyi* var. *boryana* n. var. Pantocsek. 3262.
- — var. *hungarica* n. var. Pantocsek. 3262.
- *vasta*. Pantocsek. 3262.

BRIGHTWELLIA.

- *russica*. Pantocsek. 3262.

CAMPYLODISCUS.

- *bergonii*. Pantocsek. 3262.
- *boryanus*. Pantocsek. 3262.
- *brassayi*. Pantocsek. 3262.
- *bremianus*. Pantocsek. 3262.
- *contortus*. Pantocsek. 3262.
- *crassus*. Pantocsek. 3262.
- *dilatatus*. Pantocsek. 3262.
- *eulensteinii*. Pantocsek. 3262.
- *grunowii*. Pantocsek. 3262.
- *hibernicus* var. *transylvanicus*. Pantocsek. 3262.
- *jimboi*. Pantocsek. 3262.
- *kidstonii*. Pantocsek. 3262.
- *neogradensis*. Pantocsek. 3262.
- *noricus* var. *fossilis* n. var. Pantocsek. 3262.
- *reticulatus*. Pantocsek. 3262.
- *squamosus*. Pantocsek. 3262.
- *szakalensis*. Pantocsek. 3262.
- *szontághii*. Pantocsek. 3262.

Centroporus n. gen. Pantocsek. 3262.

- *crassus*. Pantocsek. 3262.

CERATAULUS.

- *boryanus*. Pantocsek. 3262.
- *hungaricus*. Pantocsek. 3262.
- *japonicus*. Pantocsek. 3262.
- *peragalloi*. Pantocsek. 3262.
- *turgidus* var. *hispidissima* n. var. Pantocsek. 3262.
- *weissflogii*. Pantocsek. 3262.

CHAETOCEROS.

- *biharensis*. Pantocsek. 3262.
- *gracilis*. Pantocsek. 3262.
- *hungaricus*. Pantocsek. 3262.
- *pethöi*. Pantocsek. 3262.

Cheloniodiscus n. gen. Pantocsek. 3262.

- *ananinensis*. Pantocsek. 3262.

Claviclea n. gen. Pantocsek. 3262.

- *biharensis*. Pantocsek. 3262.
- *jimboi*. Pantocsek. 3262.
- *kinkerii*. Pantocsek. 3262.
- *szakalensis*. Pantocsek. 3262.

CLIMACOSPHEA.

- *moniligera* var. *hungarica* n. var. Pantocsek. 3262.

COOCONEIS.

- *andesitica*. Pantocsek. 3262.
- *biharensis*. Pantocsek. 3262.
- — var. *minor* n. var. Pantocsek. 3262.
- *boryana*. Pantocsek. 3262.
- *californica* var. *hungarica* n. var. Pantocsek. 3262.
- — var. *menilitica* n. var. Pantocsek. 3262.
- *cruciata*. Pantocsek. 3262.
- *de toniana*. Pantocsek. 3262.
- *dubravicensis*. Pantocsek. 3262.
- *grunowii*. Pantocsek. 3262.
- *haradaae*. Pantocsek. 3262.
- *jimboi*. Pantocsek. 3262.
- *kinkerii*. Pantocsek. 3262.
- *lineata* var. *minor* n. var. Pantocsek. 3262.
- — var. *pygmaea* n. var. Pantocsek. 3262.
- *lunyacsekii*. Pantocsek. 3262.
- *neogradensis*. Pantocsek. 3262.
- *notabilis*. Pantocsek. 3262.
- *pediculus* var. *salinarum* n. var. Pantocsek. 3262.
- *pellucida* var. *fossilis* n. var. Pantocsek. 3262.
- *perpusilla*. Pantocsek. 3262.
- *pethöi*. Pantocsek. 3262.
- *praecellens*. Pantocsek. 3262.
- *raeana*. Pantocsek. 3262.
- *scutellum* var. *fossilis* n. var. Pantocsek. 3262.
- *sigma*. Pantocsek. 3262.
- *trachytica*. Pantocsek. 3262.

COSCONODISCUS.

- *actinocycloides*. Pantocsek. 3262.
- *armatus*. Pantocsek. 3262.
- *asonumaeae*. Pantocsek. 3262.
- *biharensis*. Pantocsek. 3262.
- *boeckhii*. Pantocsek. 3262.
- *bremianus*. Pantocsek. 3262.
- *brightwellioides*. Pantocsek. 3262.

OOSCHODISCUS.

- *alivatus*. Pantocsek. 3262.
 — *debyi*. Pantocsek. 3262.
 — *deformatus*. Pantocsek
 3262.
 — *doljensis*. Pantocsek. 3262.
 — *grunowii*. Pantocsek. 3262.
 — *haradae*. Pantocsek. 3262.
 — *hispidulus*. Pantocsek. 3262.
 — *hungaricus*. Pantocsek.
 3262.
 — *intumescens*. Pantocsek.
 3262.
 — var. *interrupta* n. var.
 Pantocsek. 3262.
 — *japonicus*. Pantocsek. 3262.
 — *jimboi*. Pantocsek. 3262.
 — *koehii*. Pantocsek. 3262.
 — *kuusetschianus*. Pantocsek.
 3262.
 — *marionii*. Pantocsek. 3262.
 — *neogradensis*. Pantocsek.
 3262.
 — *peragalloi*. Pantocsek. 3262.
 — *pethoi*. Pantocsek. 3262.
 — *pseudolineatus*. Pantocsek.
 3262.
 — *sarmaticus*. Pantocsek. 3262.
 — *spiraliter-punctatus*. Pan-
 tocsek. 3262.
 — *szabói*. Pantocsek. 3262.
 — *szontághii*. Pantocsek. 3262.
 — *transylvanicus*. Pantocsek.
 3262.
 — *vetustissimus*. Pantocsek.
 3262.
 — *weissflogianus*. Pantocsek.
 3262.

CRASPEDODISCUS.

- *weissflogii*. Pantocsek. 3262.

CRASPEDOPORUS.

- *truanii*. Pantocsek. 3262.

CRATICULA.

- *hungarica*. Pantocsek. 3262.

CYCLOTELLA.

- *pygmaea*. Pantocsek. 3262.
 — *radiato-punctata*. Pantocsek.
 3262.
 — *transylvanica*. Pantocsek.
 3262.
 — var. *disseminato-punctata*
 n. var. Pantocsek. 3262.

CYMATOPLEURA.

- *gigantea*. Pantocsek. 3262.
 — *gracilis*. Pantocsek. 3262.
 — *hinkerii*. Pantocsek. 3262.

CYMATOSIRA.

- ? *biharensis*. Pantocsek. 3262.

OTNBELLA.

- *abnormis* var. *fossilis* n. var.
 Pantocsek. 3262.
 — *austriaca* var. *fossilis* n. var.
 Pantocsek. 3262.
 — var. *tumida* n. var. Pan-
 tocsek. 3261.
 — *bulayiana*. Pantocsek. 3262.
 — var. *gracilior* n. var.
 Pantocsek. 3262.
 — *capitata*. Pantocsek. 3262.
 — *chyzerii*. Pantocsek. 3262.
 — *ciatula* var. *hungarica* n. var.
 Pantocsek. 3262.
 — *clementis*. Pantocsek. 3262.
 — *cymbiformis* var. *producta*
 n. var. Pantocsek. 3262.
 — *erdöbényiana*. Pantocsek.
 3262.
 — *gigantea*. Pantocsek. 3262.
 — *grata*. Pantocsek. 3261.
 — *grunowii*. Pantocsek. 3262.
 — *helvetica* var. *fossilis* n. var.
 Pantocsek. 3262.
 — *hetesensis*. Pantocsek. 3262.
 — *hungarica*. Pantocsek. 3262.
 — *jimboi*. Pantocsek. 3262.
 — *kamensis*. Pantocsek. 3262.
 — *koehii*. Pantocsek. 3262.
 — *lanecolata* var. *densestriata*
 n. var. Pantocsek. 3261.
 — var. *fossilis* n. var. Pan-
 tocsek. 3262.
 — var. *robusta* n. var. Pan-
 tocsek. 3262.
 — *latestriata*. Pantocsek. 3262.
 — *neptuni*. Pantocsek. 3262.
 — *neupaueri*. Pantocsek. 3262.
 — *obtusca*. Pantocsek. 3262.
 — *pachyptera*. Pantocsek. 3262.
 — *peragalloi*. Pantocsek. 3262.
 — *perdurans*. Pantocsek. 3262.
 — *perfecta*. Pantocsek. 3262.
 — *plutonica*. Pantocsek. 3262.
 — *praelara*. Pantocsek. 3262.
 — *rákoczyana*. Pantocsek.
 3262.
 — *salina*. Pantocsek. 3262.
 — *simplex*. Pantocsek. 3262.
 — *stiaensis*. Pantocsek. 3261.
 — *staubii*. Pantocsek. 3262.
 — *suavis*. Pantocsek. 3262.
 — *szontághii*. Pantocsek. 3262.
 — *valida*. Pantocsek. 3262.
 — *vegeta*. Pantocsek. 3262.

- Debya* n. gen. Pantocsek. 3262.

- *insignis*. Pantocsek. 3262.

DIATOMA.

- *anceps* var. *fossilis* n. var.
Pantocsek. 3262.
— *fossile*. Pantocsek. 3262.

DIMEREGRAMMA.

- *boryanum*. Pantocsek. 3262.

DISIPHONIA.

- *hungarica*. Pantocsek. 3261.

DYOLADIA.

- *japonica*. Pantocsek. 3262.

ENCYONEMA.

- *caespitosum* var. *fossilis* n.
var. Pantocsek. 3261.

ENDIOTYA.

- *boryana*. Pantocsek. 3262.
— *lunyacsekii*. Pantocsek.
3262.
— *schmidtii*. Pantocsek. 3262.

ENTOPYIA.

- *hungarica*. Pantocsek. 3262.
— *rinnboeckii*. Pantocsek.
3262.

Epithellon n. gen. Pantocsek. 3262.

- *curvatum*. Pantocsek. 3262.
— *hungaricum*. Pantocsek.
3262.
— *russicum*. Pantocsek. 3262.
— *spinifer*. Pantocsek. 3262.

EPITHEMIA.

- *arcuata* var. *incisa* n. var.
Pantocsek. 3261.
— *argus* var. *fossilis* n. var.
Pantocsek. 3262.
— *biharensis*. Pantocsek. 3262.
— *budayana*. Pantocsek. 3262.
— *cistula* var. *crassa* n. var.
Pantocsek. 3261.
— *debyi*. Pantocsek. 3262.
— *directa*. Pantocsek. 3262.
— *ehrenbergii*. Pantocsek.
3262.
— *erucaeformis*. Pantocsek.
3262.
— — var. *subcapitata* n. var.
Pantocsek. 3262.
— *gibba* var. *boryana* n. var.
Pantocsek. 3262.
— *gibberula* var. *perlonga* n.
var. Pantocsek. 3262.
— *incisa*. Pantocsek. 3262.
— *inflexa*. Pantocsek. 3262.
— *multicostata*. Pantocsek.
3262.
— *perlonga*. Pantocsek. 3262.
— *pethöi*. Pantocsek. 3262.
— *salina*. Pantocsek. 3262.

EPITHEMIA.

- *salina* var. *nuda* n. var.
Pantocsek. 3262.
— *sorex* var. *capitata* n. var.
Pantocsek. 3261.
— — var. *directa* n. var. Pan-
tocsek. 3261.
— *striolata*. Pantocsek. 3262.
— *subsalsa*. Pantocsek. 3262.
— *tertiaria*. Pantocsek. 3262.
— *transsylvanica*. Pantocsek.
3261.
— *ventricosa* var. *hungarica* n.
var. Pantocsek. 3262.
— *vittata*. Pantocsek. 3262.

ETHMODISOUS.

- *carinatus*. Pantocsek. 3262.
— *russicus*. Pantocsek. 3262.
— *stellifer*. Pantocsek. 3262.

EUNOTIA.

- *ehrenbergii*. Pantocsek.
3261.
— *flexuosa* var. *trachytica* n.
var. Pantocsek. 3262.
— *gracilis* var. *fossilis* n. var.
Pantocsek. 3262.
— *hungarica*. Pantocsek. 3261.
— — var. *gracilior* n. var. Pan-
tocsek. 3261.
— *japonica*. Pantocsek. 3262.
— *pectinalis* var. *trachytica* n.
var. Pantocsek. 3262.
— *transsylvanica*. Pantocsek.
3262.
— *wettsteinii*. Pantocsek. 3261.

EUODIA.

- *hungarica*. Pantocsek. 3262.

FRAGILARIA.

- *bituminosa*. Pantocsek. 3262.
— *bivittata*. Pantocsek. 3262.
— *brevistriata* var. *fossilis* n.
var. Pantocsek. 3262.
— *hungarica*. Pantocsek. 3262.
— *japonica*. Pantocsek. 3262.
— *kochii*. Pantocsek. 3262.
— *microcephala*. Pantocsek.
3262.
— *minuta*. Pantocsek. 3262.
— *peragalloi*. Pantocsek. 3262.
— *sepulta*. Pantocsek. 3262.
— *transsylvanica*. Pantocsek.
3262.

GOMPHONEMA.

- *balnearum*. Pantocsek. 3262.
— *dubravicense*. Pantocsek.
3262.
— *hungaricum*. Pantocsek.
3262.

GOMPHONEMA.

- *intricatum* var. *fossilis* n. var. Pantocsek. 3262.
 — *kinkertii*. Pantocsek. 3262.
 — *micropus* var. *remotestriata* n. var. Pantocsek. 3261.
 — *olivaceum* var. *fossilis* n. var. Pantocsek. 3262.
 — — var. *salinarum* n. var. Pantocsek. 3262.
 — — var. *staurophora* n. var. Pantocsek. 3262.
 — *salsa*. Pantocsek. 3262.
 — *szabói*. Pantocsek. 3262.
 — *transsylvanicum*. Pantocsek. 3262.

GOMIOTHECIUM.

- ? *szakalense*. Pantocsek. 3262.

GRAMMATOPHORA.

- *biharensis*. Pantocsek. 3262.
 — *hungarica*. Pantocsek. 3262.
 — *lyrata* var. *japonica* n. var. Pantocsek. 3262.
 — *robusta* var. *gracilis* n. var. Pantocsek. 3262.
 — *valida*. Pantocsek. 3262.

GYRODISCUS.

- *hungaricus*. Pantocsek. 3262.

- Haynaldella** n. gen. Pantocsek. 3262.
 — *antiqua*. Pantocsek. 3262.

HEMIAULUS.

- *biharensis*. Pantocsek. 3262.
 — *grunowii*. Pantocsek. 3262.
 — *gurovii*. Pantocsek. 3262.
 — *hungaricus*. Pantocsek. 3262.
 — *malleolus*. Pantocsek. 3262.
 — *perlongus*. Pantocsek. 3262.
 — *petasiformis*. Pantocsek. 3262.
 — *rostratus*. Pantocsek. 3262.
 — ? *saratovianus*. Pantocsek. 3262.
 — *szabói*. Pantocsek. 3262.
 — *tschestnovii*. Pantocsek. 3262.
 — *weisaflogii*. Pantocsek. 3262.

HIMANTIDIUM.

- *boryanum*. Pantocsek. 3262.

HYALODISCUS.

- *nobilis*. Pantocsek. 3262.
 — *ruscicus*. Pantocsek. 3262.

HYDROERA.

- *boryana*. Pantocsek. 3262.
 — — var. *hexagona* n. var. Pantocsek. 3262.

ISTHMLA.

- *szabói*. Pantocsek. 3262.

- Kentrodiscus** n. gen. Pantocsek. 3262.
 — *fossilis*. Pantocsek. 3262.

- Keratophora** n. gen. Pantocsek. 3262.
 — *nitida*. Pantocsek. 3262.
 — *robusta*. Pantocsek. 3262.
 — *ruscica*. Pantocsek. 3262.

- Ktenodiscus** n. gen. Pantocsek. 3262.
 — *hungaricus*. Pantocsek. 3262.
 — *ruscicus*. Pantocsek. 3262.

LAMPROTEDISOLA.

- *fasciculatus*. Pantocsek. 3262.

MASTOGLOLA.

- *doljensis*. Pantocsek. 3262.
 — *kinkertii*. Pantocsek. 3262.
 — *lanceolata* var. *hungarica* n. var. Pantocsek. 3262.
 — *neogena*. Pantocsek. 3262.
 — *obtusa*. Pantocsek. 3262.
 — *pathoi*. Pantocsek. 3262.
 — *rhomboidalis*. Pantocsek. 3262.
 — *szentáphii*. Pantocsek. 3262.

MASTOGONIA.

- *simbirskiana*. Pantocsek. 3262.

MELOSIRA.

- *agria*. Pantocsek. 3262.
 — *arcuata*. Pantocsek. 3262.
 — *arenaria* var. *hungarica* n. var. Pantocsek. 3262.
 — *biharensis*. Pantocsek. 3262.
 — *bituminosa*. Pantocsek. 3262.
 — *caputmedusae*. Pantocsek. 3262.
 — *cineta*. Pantocsek. 3262.
 — *crenulata* var. *debilis* n. var. Pantocsek. 3262.
 — — var. *fossilis* n. var. Pantocsek. 3262.
 — — var. *hungarica* n. var. Pantocsek. 3262.
 — — var. *mocsarensis* n. var. Pantocsek. 3262.
 — *cristata*. Pantocsek. 3262.
 — *dickiei* var. *fossilis* n. var. Pantocsek. 3262.
 — *excentrica*. Pantocsek. 3262.
 — *fungiformis*. Pantocsek. 3262.
 — *granulata* var. *attenuata* n. var. Pantocsek. 3262.
 — — var. *borealis* n. var. Pantocsek. 3262.
 — — var. *boryana* n. var. Pantocsek. 3262.

MELOSIRA.

- granulata* var. *hungarica*
 n. var. Pantocsek. 3262.
haradaae. Pantocsek. 3262.
hokkaidoana. Pantocsek.
 3262.
irregularis. Pantocsek. 3262.
japonica. Pantocsek. 3262.
kochii. Pantocsek. 3262.
lőczyi. Pantocsek. 3262.
menilitica. Pantocsek. 3262.
peragalloi. Pantocsek. 3262.
pethői. Pantocsek. 3262.
saratoriana. Pantocsek.
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sarmatica. Pantocsek. 3262.
temperei. Pantocsek. 3262.
thumii. Pantocsek. 3262.
transsylvanica. Pantocsek.
 3263.
undulata var. *minor* n. var.
 Pantocsek. 3262.
 var. *pygmaea* n. var. Pan-
 tocsek. 3261.

NAVICULA.

- abaujensis*. Pantocsek.
 3262.
addae. Pantocsek. 3262.
andesitica. Pantocsek. 3263.
aradina. Pantocsek. 3262.
arata var. *producta* n. var.
 Pantocsek. 3261.
 var. *validior* n. var. Pan-
 tocsek. 3261.
arcuata. Pantocsek. 3262.
arenariaeformis. Pantocsek.
 3262.
aspera var. *hungarica* n. var.
 Pantocsek. 3262.
bacillifera. Pantocsek. 3262.
baumlerii. Pantocsek. 3262.
beckii. Pantocsek. 3262.
bimaculata. Pantocsek.
 3262.
bituminosa. Pantocsek.
 3262.
 var. *latecapitata* n. var.
 Pantocsek. 3262.
 var. *robusta* n. var. Pan-
 tocsek. 3262.
 var. *signata* n. var. Pan-
 tocsek. 3262.
 var. *staurophora* n. var.
 Pantocsek. 3262.
bodosensis. Pantocsek. 3262.
borealis var. *fossilis* n. var.
 Pantocsek. 3262.
boryana. Pantocsek. 3262.
brasiliensis var. *fossilis* n.
 var. Pantocsek. 3262.

NAVICULA.

- brébisonii* var. *fossilis* n. var.
 Pantocsek. 3262.
brunii. Pantocsek. 3262.
budayana. Pantocsek. 3262.
carpathorum. Pantocsek.
 3262.
chyzerii. Pantocsek. 3262.
cincta. Pantocsek. 3262.
confederata. Pantocsek.
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csúszkaae. Pantocsek. 3261.
curtestriata. Pantocsek.
 3262.
czekeházensis. Pantocsek.
 3262.
debilis. Pantocsek. 3362.
debyi. Pantocsek. 3262.
decumana. Pantocsek. 3362.
discernenda. Pantocsek.
 3262.
diversa. Pantocsek. 3262.
dőczyi. Pantocsek. 3262.
doljensis. Pantocsek. 3262.
duplex. Pantocsek. 3262.
egeria. Pantocsek. 3262.
élesdiana. Pantocsek. 3262.
elliptica var. *fossilis* n. var.
 Pantocsek. 3262.
elongatula. Pantocsek. 3262.
entzii. Pantocsek. 3262.
falar. Pantocsek. 3261.
filarszkyi. Pantocsek. 3261.
filiformis. Pantocsek. 3262.
flattii. Pantocsek. 3262.
formosa var. *fossilis* n. var.
 Pantocsek. 3262.
fuchsii. Pantocsek. 3262.
gálikii. Pantocsek. 3262.
gastrum var. *boryana* n. var.
 Pantocsek. 3262.
gorjanovicii. Pantocsek.
 3262.
 var. *minor* n. var. Pan-
 tocsek. 3262.
grata. Pantocsek. 3262.
gurovii. Pantocsek. 3262.
guttrinskii. Pantocsek. 3262.
halionata. Pantocsek. 3262.
 var. *directa* n. var. Pan-
 tocsek. 3262.
 var. *minor* n. var. Pan-
 tocsek. 3262.
hantkenii. Pantocsek. 3262.
haradaae. Pantocsek. 3262.
hasta. Pantocsek. 3262.
haueri var. *angustior* n. var.
 Pantocsek. 3261.
haynaldii. Pantocsek. 3262.

NAVICULA.

_____	<i>hasslina.kyi.</i>	Pantocsek.
_____	3262.	
_____	<i>hesrii.</i>	Pantocsek. 3262.
_____	<i>hennedyi</i> var. <i>fossilis</i> n. var.	Pantocsek. 3262.
_____	<i>heteroflexa.</i>	Pantocsek. 3262.
_____	var. <i>constricta</i> n. var.	Pantocsek. 3262.
_____	var. <i>minor</i> n. var.	Pantocsek. 3262.
_____	<i>heresensis.</i>	Pantocsek. 3262.
_____	<i>hilarula.</i>	Pantocsek. 3262.
_____	<i>hoffmannii.</i>	Pantocsek. 3262.
_____	<i>holubyi.</i>	Pantocsek. 3262.
_____	<i>hordeiformis.</i>	Pantocsek. 3262.
_____	<i>horn'gii.</i>	Pantocsek. 3262.
_____	<i>hyrtlii.</i>	Pantocsek. 3262.
_____	<i>ignobilis.</i>	Pantocsek. 3262.
_____	<i>illueta.</i>	Pantocsek. 3261.
_____	<i>includens.</i>	Pantocsek. 3262.
_____	<i>inculta.</i>	Pantocsek. 3262.
_____	<i>inflexa</i> var. <i>biharensis</i> n.	var. Pantocsek. 3262.
_____	<i>inhalata</i> var. <i>biharensis</i> n.	var. Pantocsek. 3262.
_____	<i>inacendens.</i>	Pantocsek. 3262.
_____	<i>insignis.</i>	Pantocsek. 3262.
_____	<i>interrupta</i> var. <i>fossilis</i> n.	var. Pantocsek. 3262.
_____	<i>irregularis.</i>	Pantocsek. 3262.
_____	<i>irrorata</i> var. <i>fossilis</i> n. var.	Pantocsek. 3262.
_____	<i>jimboi.</i>	Pantocsek. 3262.
_____	<i>kanitzu.</i>	Pantocsek. 3262.
_____	<i>kelleri.</i>	Pantocsek. 3262.
_____	<i>kinkeriana.</i>	Pantocsek. 3262.
_____	<i>kinkerii.</i>	Pantocsek. 3262.
_____	<i>kochii.</i>	Pantocsek. 3262.
_____	<i>kossuthii.</i>	Pantocsek. 3262.
_____	<i>larrimans</i> var. <i>fossilis</i> n.	var. Pantocsek. 3262.
_____	<i>lavis.</i>	Pantocsek. 3262.
_____	<i>latevittata.</i>	Pantocsek. 3262.
_____	<i>latissima</i> var. <i>capitata</i> n.	var. Pantocsek. 3262.
_____	var. <i>elongata</i> n. var.	Pantocsek. 3262.
_____	var. <i>minor</i> n. var.	Pantocsek. 3262.
_____	<i>legumen</i> var. <i>staurophora</i>	n. var. Pantocsek. 3261.
_____	<i>leonis.</i>	Pantocsek. 3262.
_____	<i>le tourneurii.</i>	Pantocsek. 3262.
_____	<i>lőczyi.</i>	Pantocsek. 3262.
_____	<i>lucifica.</i>	Pantocsek. 3262.

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_____	<i>lunycsekii.</i>	3262.
_____	<i>lyra</i> var. <i>acuta</i>	tocsek. 3262.
_____	var. <i>hanger</i>	Pantocsek. 3262.
_____	var. <i>produs</i>	Pantocsek. 3262.
_____	<i>macrasana.</i>	3262.
_____	<i>major</i> var. <i>anda</i>	Pantocsek. 3262.
_____	<i>manichora.</i>	3262.
_____	<i>margaritata.</i>	3262.
_____	<i>mertonii.</i>	Pantocsek. 3262.
_____	<i>mastogloidea.</i>	3262.
_____	<i>menilitica.</i>	Pantocsek. 3262.
_____	<i>mesolepta</i> var.	n. var. Pantocsek. 3262.
_____	<i>mikado.</i>	Pantocsek. 3262.
_____	<i>mikrotatos.</i>	Pantocsek. 3262.
_____	<i>mocsarensis.</i>	3262.
_____	<i>neogena.</i>	Pantocsek. 3262.
_____	<i>neumayeriana.</i>	3262.
_____	<i>neupauerii.</i>	Pantocsek. 3262.
_____	<i>nigricans.</i>	Pantocsek. 3262.
_____	<i>nitescens</i> var. <i>fossilis</i>	Pantocsek. 3262.
_____	<i>nobilis</i> var. <i>fossilis</i>	Pantocsek. 3262.
_____	<i>notanda.</i>	Pantocsek. 3262.
_____	<i>nuda.</i>	Pantocsek. 3262.
_____	<i>orphei.</i>	Pantocsek. 3262.
_____	<i>ostracodorum.</i>	3262.
_____	<i>o'swaldii</i> var. <i>hugii</i>	var. Pantocsek. 3262.
_____	<i>ovalis</i> var. <i>fossilis</i>	Pantocsek. 3262.
_____	<i>paludinarum.</i>	3262.
_____	var. <i>gracilior</i>	Pantocsek. 3262.
_____	<i>parallelestriata.</i>	3262.
_____	<i>parca</i> var. <i>produs</i>	Pantocsek. 3262.
_____	<i>paripinnata.</i>	3262.
_____	<i>pavida.</i>	Pantocsek. 3262.
_____	<i>perducta.</i>	Pantocsek. 3262.
_____	<i>perennis.</i>	Pantocsek. 3262.
_____	<i>perfecta.</i>	Pantocsek. 3262.
_____	<i>perlonga.</i>	Pantocsek. 3262.

NAVICULA.

- _____ *perculpta*. Pantocsek. 3262.
 _____ *pervasta*. Pantocsek. 3262.
 _____ *phalangium*. Pantocsek.
 3262.
 _____ *pinnata*. Pantocsek. 3262.
 _____ *polygibba*. Pantocsek. 3262.
 _____ *praeclara*. Pantocsek. 3262.
 _____ *praeflua*. Pantocsek. 3262.
 _____ *pressa*. Pantocsek. 3262.
 _____ *primordialis*. Pantocsek.
 3262.
 _____ *procera*. Pantocsek. 3262.
 _____ *pseudospera*. Pantocsek.
 3262.
 _____ *pseudofusca*. Pantocsek.
 3262.
 _____ *pseudogemmata*. Pantocsek.
 3262.
 _____ *pumila* var. *fossilis* n. var.
 Pantocsek. 3262.
 _____ *ramphoides*. Pantocsek.
 3262.
 _____ *ratrayi*. Pantocsek. 3262.
 _____ *reusii*. Pantocsek. 3262.
 _____ *robusta*. Pantocsek. 3262.
 _____ *schaarschmidtii*. Pantocsek.
 3262.
 _____ *scythica*. Pantocsek. 3262.
 _____ *sectilis* var. *boryana* n. var.
 Pantocsek. 3262.
 _____ *seriosa*. Pantocsek. 3262.
 _____ *sieboldii*. Pantocsek. 3262.
 _____ *simbirskiana*. Pantocsek.
 3262.
 _____ *smithii* var. *minor* n. var.
 Pantocsek. 3262.
 _____ *subfusca*. Pantocsek. 3262.
 _____ *szaboi*. Pantocsek. 3262.
 _____ *szontághii*. Pantocsek. 3262.
 _____ *tenella* var. *fossilis* n. var.
 Pantocsek. 3262.
 _____ *thumii*. Pantocsek. 3262.
 _____ *toulaeae*. Pantocsek. 3262.
 _____ *transsylvanica*. Pantocsek.
 3262.
 _____ var. *producta* n. var. Pan-
 tocsek. 3262.
 _____ *trevelyana* var. *hungarica*
 n. var. Pantocsek. 3262.
 _____ *trinotata*. Pantocsek. 3262.
 _____ *troglydites*. Pantocsek.
 3262.
 _____ *truunii*. Pantocsek. 3262.
 _____ *turgidula*. Pantocsek. 3262.
 _____ *vaszaryi*. Pantocsek. 3262.
 _____ *venus*. Pantocsek. 3262.
 _____ *venusta*. Pantocsek. 3262.

NAVICULA.

- _____ *viridis* var. *fossilis* n. var.
 Pantocsek. 3262.
 _____ var. *staurofora* n. var.
 Pantocsek. 3262.
 _____ *vukotinovicii*. Pantocsek.
 3262.
 _____ *wiesnerii*. Pantocsek. 3262.
 _____ *yarrensis* var. *bituminosa*
 n. var. Pantocsek. 3262.
 _____ var. *gracilior* n. var.
 Pantocsek. 3262.
 _____ var. *valida* n. var. Pan-
 tocsek. 3262.
 _____ *zechenterii*. Pantocsek. 3262.

NITZSCHIA.

- _____ *andesitica*. Pantocsek. 3262.
 _____ *antiqua*. Pantocsek. 3262.
 _____ *bicuspidata*. Pantocsek.
 3262.
 _____ *bituminosa*. Pantocsek. 3262.
 _____ *costata*. Pantocsek. 3262.
 _____ *doljensis*. Pantocsek. 3262.
 _____ *frustulum* var. *acuta* n. var.
 Pantocsek. 3262.
 _____ var. *constricta* n. var.
 Pantocsek. 3262.
 _____ var. *curvata* n. var. Pan-
 tocsek. 3262.
 _____ var. *hungarica* n. var.
 Pantocsek. 3262.
 _____ var. *minuta* n. var. Pan-
 tocsek. 3262.
 _____ var. *obtusa* n. var. Pan-
 tocsek. 3262.
 _____ var. *producta* n. var.
 Pantocsek. 3262.
 _____ *herasensis*. Pantocsek. 3262.
 _____ *loczyi*. Pantocsek. 3262.
 _____ *pulcherrima* var. *interrupta*
 n. var. Pantocsek. 3262.
 _____ *szaboi*. Pantocsek. 3262.
 _____ *transsylvanica*. Pantocsek.
 3262.

ODONTELLA.

- _____ *boryana*. Pantocsek. 3262.
 _____ *neogradensis*. Pantocsek.
 3262.
 _____ *pygmaea*. Pantocsek. 3262.

ODONTOTROPIS.

- _____ *birostrata*. Pantocsek. 3262.
 _____ *vitrea*. Pantocsek. 3262.

ORTHONEIS.

- _____ *notata*. Pantocsek. 3262.
 _____ *pethői*. Pantocsek. 3262.

Pantocsekia n. gen. Grun. 3262.

- _____ *clivosa*. Pantocsek. 3262.

GOMPHONEMA.

- _____ *intricatum* var. *fossilis* n.
var. Pantocsek. 3262.
_____ *kinkerii*. Pantocsek. 3262.
_____ *micropus* var. *remotestriata*
n. var. Pantocsek. 3261.
_____ *olivaceum* var. *fossilis* n. var.
Pantocsek. 3262.
_____ var. *salinarum* n. var.
Pantocsek. 3262.
_____ var. *staurophora* n. var.
Pantocsek. 3262.
_____ *salsa*. Pantocsek. 3262.
_____ *szabói*. Pantocsek. 3262.
_____ *transsylvanicum*. Pantocsek.
3262.

GONIOTHECIUM.

- _____? *szakalense*. Pantocsek. 3262.

GRAMMATOPHORA.

- _____ *biharensis*. Pantocsek. 3262.
_____ *hungarica*. Pantocsek. 3262.
_____ *lyrata* var. *japonica* n. var.
Pantocsek. 3262.
_____ *robusta* var. *gracilis* n. var.
Pantocsek. 3262.
_____ *valida*. Pantocsek. 3262.

GYRODISCUS.

- _____ *hungaricus*. Pantocsek. 3262.

- Haynaldella* n. gen. Pantocsek. 3262.
_____ *antiqua*. Pantocsek. 3262.

HEMIAULUS.

- _____ *biharensis*. Pantocsek. 3262.
_____ *grunowii*. Pantocsek. 3262.
_____ *gurovii*. Pantocsek. 3262.
_____ *hungaricus*. Pantocsek. 3262.
_____ *malleolus*. Pantocsek. 3262.
_____ *perlongus*. Pantocsek. 3262.
_____ *petasiformis*. Pantocsek.
3262.
_____ *rostratus*. Pantocsek. 3262.
_____? *saratovianus*. Pantocsek.
3262.
_____ *szabói*. Pantocsek. 3262.
_____ *tschestnovii*. Pantocsek.
3262.
_____ *weissflogii*. Pantocsek. 3262.

HIMANTIDIUM.

- _____ *boryanum*. Pantocsek. 3262.

HYALODISCUS.

- _____ *nobilis*. Pantocsek. 3262.
_____ *russicus*. Pantocsek. 3262.

HYDROSERA.

- _____ *boryana*. Pantocsek. 3262.
_____ var. *hexagona* n. var. Pan-
tocsek. 3262.

ISTHMLA.

- _____ *szabói*. Pantocsek. 3262.

- Kentrodiscus* n. gen. Pantocsek. 3262.
_____ *fossilis*. Pantocsek. 3262.

- Keratophora* n. gen. Pantocsek. 3262.
_____ *nitida*. Pantocsek. 3262.
_____ *robusta*. Pantocsek. 3262.
_____ *russica*. Pantocsek. 3262.

- Ktenodiscus* n. gen. Pantocsek. 3262.
_____ *hungaricus*. Pantocsek. 3262.
_____ *russicus*. Pantocsek. 3262.

LAMPROTEDISCUS.

- _____ *fasciculatus*. Pantocsek.
3262.

MASTOGLOIA.

- _____ *doljensis*. Pantocsek. 3262.
_____ *kinkerii*. Pantocsek. 3262.
_____ *lanceolata* var. *hungarica* n.
var. Pantocsek. 3262.
_____ *neogena*. Pantocsek. 3262.
_____ *obtusa*. Pantocsek. 3262.
_____ *pethoi*. Pantocsek. 3262.
_____ *rhomboidalis*. Pantocsek.
3262.
_____ *szontaghii*. Pantocsek.
3262.

MASTOGONIA.

- _____ *simbirskiana*. Pantocsek.
3262.

MELOSIRA.

- _____ *agria*. Pantocsek. 3262.
_____ *arcuata*. Pantocsek. 3262.
_____ *arenaria* var. *hungarica* n.
var. Pantocsek. 3262.
_____ *biharensis*. Pantocsek. 3262.
_____ *bituminosa*. Pantocsek.
3262.
_____ *caputmedusae*. Pantocsek.
3262.
_____ *cincta*. Pantocsek. 3262.
_____ *crenulata* var. *debilis* n. var.
Pantocsek. 3262.
_____ var. *fossilis* n. var. Pan-
tocsek. 3262.
_____ var. *hungarica* n. var.
Pantocsek. 3262.
_____ var. *mocsarensis* n. var.
Pantocsek. 3262.
_____ *cristata*. Pantocsek. 3262.
_____ *dickiei* var. *fossilis* n. var.
Pantocsek. 3262.
_____ *excentrica*. Pantocsek. 3262.
_____ *fungiformis*. Pantocsek.
3262.
_____ *granulata* var. *attenuata* n.
var. Pantocsek. 3262.
_____ var. *borealis* n. var. Pan-
tocsek. 3262.
_____ var. *boryana* n. var. Pan-
tocsek. 3262.

MELOSIRA.

- *granulata* var. *hungarica*
 n. var. Pantocsek. 3262.
 ————— *haradaae*. Pantocsek. 3262.
 ————— *hokkaidoana*. Pantocsek.
 3262.
 ————— *irregularis*. Pantocsek. 3262.
 ————— *japonica*. Pantocsek. 3262.
 ————— *kochii*. Pantocsek. 3262.
 ————— *lőczyi*. Pantocsek. 3262.
 ————— *menilitica*. Pantocsek. 3262.
 ————— *peragalloi*. Pantocsek. 3262.
 ————— *pethői*. Pantocsek. 3262.
 ————— *saratoriana*. Pantocsek.
 3262.
 ————— *sarmatica*. Pantocsek. 3262.
 ————— *temperei*. Pantocsek. 3262.
 ————— *thumii*. Pantocsek. 3262.
 ————— *transsylvanica*. Pantocsek.
 3263.
 ————— *undulata* var. *minor* n. var.
 Pantocsek. 3262.
 ————— var. *pygmaea* n. var. Pan-
 tocsek. 3261.

NAVICULA.

- *abaujensis*. Pantocsek.
 3262.
 ————— *addae*. Pantocsek. 3262.
 ————— *andesitica*. Pantocsek. 3263.
 ————— *aradina*. Pantocsek. 3262.
 ————— *arata* var. *producta* n. var.
 Pantocsek. 3261.
 ————— var. *validior* n. var. Pan-
 tocsek. 3261.
 ————— *arcuata*. Pantocsek. 3262.
 ————— *arenariaeformis*. Pantocsek.
 3262.
 ————— *aspera* var. *hungarica* n. var.
 Pantocsek. 3262.
 ————— *bacillifera*. Pantocsek. 3262.
 ————— *baumlerii*. Pantocsek. 3262.
 ————— *beckii*. Pantocsek. 3262.
 ————— *bimaculata*. Pantocsek.
 3262.
 ————— *bituminosa*. Pantocsek.
 3262.
 ————— var. *latecapitata* n. var.
 Pantocsek. 3262.
 ————— var. *robusta* n. var. Pan-
 tocsek. 3262.
 ————— var. *signata* n. var. Pan-
 tocsek. 3262.
 ————— var. *staurophora* n. var.
 Pantocsek. 3262.
 ————— *bodosensis*. Pantocsek. 3262.
 ————— *borealis* var. *fossilis* n. var.
 Pantocsek. 3262.
 ————— *boryana*. Pantocsek. 3262.
 ————— *brasiliensis* var. *fossilis* n.
 var. Pantocsek. 3262.

NAVICULA.

- *brébisonii* var. *fossilis* n. var.
 Pantocsek. 3262.
 ————— *brunii*. Pantocsek. 3262.
 ————— *budayana*. Pantocsek. 3262.
 ————— *carpathorum*. Pantocsek.
 3262.
 ————— *chyzerii*. Pantocsek. 3262.
 ————— *cincta*. Pantocsek. 3262.
 ————— *confederata*. Pantocsek.
 3262.
 ————— *császkaae*. Pantocsek. 3261.
 ————— *curtestriata*. Pantocsek.
 3262.
 ————— *czekeházensis*. Pantocsek.
 3262.
 ————— *debilis*. Pantocsek. 3262.
 ————— *debyi*. Pantocsek. 3262.
 ————— *decumana*. Pantocsek. 3262.
 ————— *discernenda*. Pantocsek.
 3262.
 ————— *diversa*. Pantocsek. 3262.
 ————— *dőczyi*. Pantocsek. 3262.
 ————— *doljensis*. Pantocsek. 3262.
 ————— *duplex*. Pantocsek. 3262.
 ————— *egeria*. Pantocsek. 3262.
 ————— *élesdiana*. Pantocsek. 3262.
 ————— *elliptica* var. *fossilis* n. var.
 Pantocsek. 3262.
 ————— *elongatula*. Pantocsek. 3262.
 ————— *entzii*. Pantocsek. 3262.
 ————— *falax*. Pantocsek. 3261.
 ————— *filarszkyi*. Pantocsek. 3261.
 ————— *filiformis*. Pantocsek. 3262.
 ————— *flattii*. Pantocsek. 3262.
 ————— *formosa* var. *fossilis* n. var.
 Pantocsek. 3262.
 ————— *fuchsii*. Pantocsek. 3262.
 ————— *gálikii*. Pantocsek. 3262.
 ————— *gastrum* var. *boryana* n. var.
 Pantocsek. 3262.
 ————— *gorjanovicii*. Pantocsek.
 3262.
 ————— var. *minor* n. var. Pan-
 tocsek. 3262.
 ————— *grata*. Pantocsek. 3262.
 ————— *gurovii*. Pantocsek. 3262.
 ————— *guttrinskii*. Pantocsek. 3262.
 ————— *halionata*. Pantocsek. 3262.
 ————— var. *directa* n. var. Pan-
 tocsek. 3262.
 ————— var. *minor* n. var. Pan-
 tocsek. 3262.
 ————— *hanlkenii*. Pantocsek. 3262.
 ————— *haradaae*. Pantocsek. 3262.
 ————— *hasta*. Pantocsek. 3262.
 ————— *haueri* var. *angustior* n. var.
 Pantocsek. 3261.
 ————— *haynaldii*. Pantocsek. 3262.

TRICERATIUM.

- _____ *abyssorum* var. *saratoriana*
 n. var. Pantocsek. 3262.
 _____ *ananinense*. Pantocsek. 3262.
 _____ *antipodum*. Pantocsek. 3262.
 _____ *antiquum*. Pantocsek. 3262.
 _____ *armaševskii*. Pantocsek.
 3262.
 _____ *biharense*. Pantocsek. 3262.
 _____ *boryanum*. Pantocsek. 3262.
 _____ *brandtii*. Pantocsek. 3262.
 _____ *brunii*. Pantocsek. 3262.
 _____ *caducum*. Pantocsek. 3262.
 _____ *castracanei*. Pantocsek.
 3262.
 _____ *coerulescens*. Pantocsek.
 3262.
 _____ *conciliatum*. Pantocsek.
 3262.
 _____ var. *validior* n. var. Pan-
 tocsek. 3262.
 _____ *cristatum*. Pantocsek. 3262.
 _____ *cucullatum*. Pantocsek. 3262.
 _____ var. *latior* n. var. Pan-
 tocsek. 3262.
 _____ var. *disseminato puncta-*
 tum. Pantocsek. 3262.
 _____ *debesii*. Pantocsek. 3262.
 _____ *deductum*. Pantocsek. 3262.
 _____ ? *deformatum*. Pantocsek.
 3262.
 _____ *delectabile*. Pantocsek. 3262.
 _____ *detonii*. Pantocsek. 3262.
 _____ *distinguendum*. Pantocsek.
 3262.
 _____ *duertrei*. Pantocsek et Temp.
 3262.
 _____ *elatum*. Pantocsek. 3262.
 _____ *elevatum*. Pantocsek. 3262.
 _____ *enllicherii*. Pantocsek. 3262.
 _____ *exornatum* var. *ananinensis*
 n. var. Pantocsek. 3262.
 _____ var. *simbirskiana* n. var.
 Pantocsek. 3262.
 _____ *fasciatum*. Pantocsek. 3262.
 _____ *fragile*. Pantocsek. 3262.
 _____ *grovei*. Pantocsek. 3262.
 _____ *gurovii*. Pantocsek. 3262.
 _____ *hilaratum*. Pantocsek. 3262.
 _____ *horridum*. Pantocsek. 3262.
 _____ *tetragona*. n. form. Pan-
 tocsek. 3262.
 _____ *idoneum*. Pantocsek. 3262.
 _____ *illustrum*. Pantocsek. 3262.
 _____ *jimboi*. Pantocsek. 3262.
 _____ *jucundum*. Pantocsek. 3262.
 _____ *junctum* var. *fossilis* n. var.
 Pantocsek. 3262.
 _____ *kidstonii*. Pantocsek. 3262.

TRICERATIUM.

- _____ *kusnetskianum*. Pantocsek.
 3262.
 _____ *lactum*. Pantocsek. 3262.
 _____ *lahusenii*. Pantocsek. 3262.
 _____ *lanceolatum*. Pantocsek.
 3262.
 _____ *lóczyi*. Pantocsek. 3262.
 _____ var. *confluens* n. var.
 Pantocsek. 3262.
 _____ *lucidum*. Pantocsek. 3262.
 _____ *mereshkovski*. Pantocsek.
 3262.
 _____ *möllerii*. Pantocsek. 3262.
 _____ *notatum*. Pantocsek. 3262.
 _____ *nudum*. Pantocsek. 3262.
 _____ *peragalloii*. Pantocsek. 3262.
 _____ *pethői*. Pantocsek. 3262.
 _____ *petitii*. Pantocsek. 3262.
 _____ *pileus* var. *robustior* n. var.
 Pantocsek. 3262.
 _____ ? *polygibbum*. Pantocsek.
 3262.
 _____ *praeferox*. Pantocsek. 3262.
 _____ *proprium*. Pantocsek. 3262.
 _____ *protractum*. Pantocsek.
 3262.
 _____ *pseudoarcticum*. Pantocsek.
 3262.
 _____ *rattrayi*. Pantocsek. 3262.
 _____ *renunciatum*. Pantocsek.
 3262.
 _____ *rzechakii*. Pantocsek. 3262.
 _____ *saratorianum*. Pantocsek.
 3262.
 _____ *sturtii*. Pantocsek. 3262.
 _____ *sarmaticum*. Pantocsek.
 3262.
 _____ *semseyi*. Pantocsek. 3262.
 _____ *septum*. Pantocsek. 3262.
 _____ *smithii*. Pantocsek. 3262.
 _____ *sokolowii*. Pantocsek. 3262.
 _____ *speciosum*. Pantocsek. 3262.
 _____ *squamatum*. Pantocsek.
 3262.
 _____ *staubii*. Pantocsek. 3262.
 _____ *stigmaticum*. Pantocsek.
 3262.
 _____ *suborbiculare*. Pantocsek.
 3262.
 _____ *szakalense*. Pantocsek.
 3262.
 _____ *tectum*. Pantocsek. 3262.
 _____ *tertiarium*. Pantocsek. 3262.
 _____ *tetragonum*. Pantocsek.
 3262.
 _____ *triasicum*. Pantocsek. 3262.
 _____ *truanii*. Pantocsek. 3262.
 _____ *undatum*. Pantocsek. 3262.

TRICERATIUM.

- _____ *undosum*. Pantocsek. 3262.
 _____ *vastum*. Pantocsek. 3262.
 _____ *vates*. Pantocsek. 3262.
 _____ *vittatum*. Pantocsek. 3262.
 _____ *weisseianum*. Pantocsek.
 3262.

TRINACRIA.

- _____ *antiqua*. Pantocsek. 3262.
 _____ *excarata* var *producta* n. var.
 Pantocsek. 3262.
 _____ *muellerii*. Pantocsek. 3262.
 _____ *pachtii*. Pantocsek. 3262.
 _____ *praecellens*. Pantocsek.
 3262.
 _____ *russica*. Pantocsek. 3262.
 _____ *semseyi*. Pantocsek. 3262.
 _____ *simulacroides*. Pantocsek.
 3262.
 _____ *sparsa*. Pantocsek. 3262.
 _____ *tschestnowii*. Pantocsek.
 3262.
 _____ *vetustissima*. Pantocsek.
 3262.

Truania n. gen. Pantocsek. 3262.

- _____ *archangelskiana*. Pantocsek.
 3262.

Tschestnowia n. gen. Pantocsek. 3262.

- _____ *mirabilis*. Pantocsek. 3262.
 _____ var. *partita* n. var. Pan-
 tocsek. 3262.
 _____ var. *polygona* n. var. Pan-
 tocsek. 3262.

Van heurckella n. gen. Pantocsek. 3262.

- _____ *admirabilis*. Pantocsek.
 3262.

Wittia n. gen. Pantocsek. 3262.

- _____ *insignis*. Pantocsek. 3262.

XANTHIOPYXIS.

- _____ *panduraeformis*. Pantocsek.
 3262.

ZYGOCEROS.

- _____ *antiquus*. Pantocsek. 3262.
 _____ var. *interrupta* n. var.
 Pantocsek. 3262.
 _____ *hungaricus*. Pantocsek.
 3262.
 _____ ? *weissflogii*. Pantocsek.
 3262.

SPHAEROCOCCITES [Sphaerococcaceae].

- _____ *dyadicus*. Sterzel. 3406.

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- _____ *radialis*. Engelhardt. 2960.

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- _____ *göpperti*. Nathorst. 3213.

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- _____ *matteuranensis*. Berry. 2826.
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- _____ *epiphyticum*. Nathorst. 3213.

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- _____ *cliffwoodensis*. Berry. 2826.



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(The names of new Genera are in italics.)

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<i>abnormis</i>	<i>Syntrophia</i> ; Walcott. 3451.	————	n. var. <i>Navicula lyra</i> . Pantocsek. 3262.
<i>abrota</i>	<i>Agraulos</i> ; Walcott. 3452.	————	n. var. <i>Nitzschia frustulum</i> ; Pantocsek. 3262.
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<i>acantha</i>	<i>Solenopleura</i> ; Walcott. 3452.	<i>acutus</i>	<i>Aristolochites</i> ; Perkins. 3273.
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 ——— n. var. Amphora eulensteinii; Pantocsek. 3262.
 ——— n. var. Amphora lima; Pantocsek. 3262.

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————	<i>n. var. Amphora sabina</i> ; Pantocsek. 3262.	————	<i>n. var. Navicula hennedyi</i> ; Pantocsek. 3262.
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————	<i>n. var. Cocconeis pellucida</i> ; Pantocsek. 3262.	————	<i>n. var. Navicula nitecens</i> ; Pantocsek. 3262.
————	<i>n. var. Cocconeis scutellum</i> ; Pantocsek. 3262.	————	<i>n. var. Navicula nobilis</i> ; Pantocsek. 3262.
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————	<i>n. var. Cymbella austriaca</i> ; Pantocsek. 3262.	————	<i>n. var. Navicula parvula</i> ; Pantocsek. 3262.
————	<i>n. var. Cymbella belvetica</i> ; Pantocsek. 3262.	————	<i>n. var. Navicula tenebrosa</i> ; Pantocsek. 3262.
————	<i>n. var. Cymbella lanceolata</i> ; Pantocsek. 3262.	————	<i>n. var. Navicula viridis</i> ; Pantocsek. 3262.
————	<i>n. var. Diatoma anceps</i> ; Pantocsek. 3262.	————	<i>n. var. Rhabdonema adriati-</i> <i>cum</i> ; Pantocsek. 3262.
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————	<i>n. var. Fragilaria brevi-</i> <i>striata</i> ; Pantocsek. 3262.	————	<i>n. var. Surirella fastuosa</i> ; Pantocsek. 3262.
————	<i>n. var. Gomphonema intri-</i> <i>catum</i> ; Pantocsek. 3262.	————	<i>n. var. Surirella tenera</i> ; Pantocsek. 3262.
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| galikii | Navicula ; | Pantocsek. 3262. | | 3262. | |
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| gatliffi | Cryptoplax ; | Hall. 3027. | | 3489. | |
| gaudryi | Gazella ; | Schlosser. 3340. | gracilidens | Prodamaliscus ; | Schlosser. |
| gaultina | Pteria ; | Woods. 3504. | | 3340. | |
| gavialoides | Tomistoma ; | Andrews. | gracilior | n. var. Cymbella budayana ; | |
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| ———— | n. nom. Turritella ; | Deninger. | ———— | Pantocsek. 3261. | |
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- Melosira; Pantocsek. 3262.
- Navicula; Pantocsek. 3262.
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- hasta* Navicula; Pantocsek. 3262.
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- haydenensis* Marginifera; Girty. 3001.
- Haynaldella* n. gen. Pantocsek. 3262.
- haynaldii* Aulacodiscus; Pantocsek. 3262.
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- hazslinszkyi* Navicula; Pantocsek. 3262.
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- hectori* Mitra; Hutton. 3071.
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- Heteromeryx* n. gen. Matthews. 3175.
- Heteronema* n. gen. Ulrich & Bassler. 3439.
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	3419.			3262.	
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	3262.		————	Pseudocerataulus ;	Panto-
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————	Sphenopteridium ;	Nathorst.		3316.	
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	2791.		————	Cymbella ;	Pantocsek. 3262.
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	3268.		————	Melosira ;	Pantocsek. 3262.
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- oamarutica** *Terebratella*; Boehm. 2836.
- *Terebratula*; Boehm. 2836.
- *Terebratulina*; Boehm. 2836.
- obesus** *Bicarpellites*; Perkins. 3273.
- *Tricarpellites*; Perkins. 3273.
- obliqua** *Mytilarca*, Weller. 3470.
- obliquata** *Cardiomorpha*; Clarke. 2895.
- obruta** *Fontannesia*; Buckman. 2871.
- obscura** *Billingsella*; Walcott. 3451.
- obscurus** *Obolus*; Walcott. 3451.
- obtusa** *Cymbella*; Pantocsek. 3262.
- *Mastogloia*, Pantocsek. 3262.
- n. var. *Nitzschia frustulum*; Pantocsek. 3262.
- n. var. *Synedra fasciculata*; Pantocsek. 3262.
- obtusus** *Carpolithes*; Perkins. 3273.
- octoplicate** *Didymospira*; Philipp. 3281.
- oculifera** *Eurychilina*; Weller. 3470.
- oculensis** *Orisinella*, Wiman. 3499.
- offula** *Petigopora*; Ulrich & Bassler. 3440.
- okensis** *Caninia*; Stuckenborg. 3413.
- *Lophophyllum*; Stuckenborg. 3413.
- oliveti** *Schloenbachia*; Blanckenhorn. 2831.
- olivieri** *Koninckophyllum*; Stuckenborg. 3413.
- Ontaria** n. gen. Clarke. 2895.
- ontario** *Paraptyx*; Clarke. 2895.
- Onychocardium** n. gen. Whitfield. 3477.
- Onychoceras** n. gen. Wunstorf. 3517.
- onychograpum** n. nom. *Thysanoceras*; Buckman. 2870.
- ophirensis** n. var. *Iphidella pannula*; Walcott. 3451.
- oppelti** *Orbitremites*; Greene. 3017.
- oppoliensis** *Amalia*; Andreae. 2790.
- orbicularis** *Monocarpellites*; Perkins. 3273.
- n. var. *Pterochaenia fragilis*; Clarke. 2895.
- Orbignyella** n. gen. Ulrich & Bassler. 3440.
- orbignyi** n. nom. *Thysanoceras*; Buckman. 2870.

- orientalis* n. var. *Iphidella labradorica*; Walcott. 3451.
- *Microdiscus*; Walcott. 3452.
- n. var. *Stenotheca rugosa*; Walcott. 3452.
- *Styracoteuthis*; Crick. 2902.
- *Syntrophia*; Walcott. 3451.
- Orinella* n. subgen. Dall & Bartsch. 2919.
- oriskania* *Trachypora*. Weller. 3470.
- ornata* *Leperditella*; Weller. 3470.
- *Széchenyia*; Pantocsek. 3261.
- orosus* *Thamniscus*; Wiman. 3493.
- orphei* *Navicula*; Pantocsek. 3262.
- orsus* *Helicocryptus*; Blake. 2830.
- orthia* *Syntrophia*; Walcott. 3452.
- orus* *Obolus*; Walcott. 3451.
- Orusia* n. subgen. Walcott. 3451.
- oryxoides* *Tragoreas*; Schlosser. 3340.
- osseola* *Orthis*; Walcott. 3451.
- ostracorarum* *Navicula*; Pantocsek. 3262.
- ostryaeformis* n. nom. *Carpolithus*; Berry. 2826.
- Otouphepus* n. gen. Cushman. 2908.
- Otusia* n. subgen. Walcott. 3451.
- ourayensis* *Archaeocidaris*; Girty. 3001.
- ovale* *Stylobibulum*; Pantocsek. 3262.
- ovalis* *Carpites*; Perkins. 3273.
- *Cyathocrinus*; Rowley. 3329.
- *Monocarpellites*; Perkins. 3273.
- *Spaniolepis*; Gorjanovic-Kramberger. 3006.
- n. var. *Sphaerocystites globularis*. Schuchert. 3360.
- *Tricarpellites*; Perkins. 3273.
- ovata* *Nyssa*; Perkins. 3273.
- ovatus* *Carpolithes*; Perkins. 3273.
- ovoides* *Aristolochites*; Perkins. 3273.
- ovoides* *Cinnamomum*; Perkins. 3273.
- oxytropida* *Neritina*; Andrusov. 2794.
- pachtii* *Trinacria*; Pantocsek. 3262.
- pachygaster* *Didymospira*; Philipp. 3281.
- Pachylytoceras* n. gen. Buckman. 2870.
- pachyptera* *Cymbella*; Pantocsek. 3262.
- Pachypteryx* n. gen. Wiman. 3499.
- Pachytragus* n. gen. Schlosser. 3340.
- pacifica* *Acrotreta*; Walcott. 3451.
- pagoda* *Platyceras*; Walcott. 3452.
- *Plectorthis*; Walcott. 3451.
- Pagodia* n. gen. Walcott. 3452.
- pahleni* *Ptychopyge*; Schmidt. 3344.
- Palaeophocaena* n. gen. Abel. 2774.
- palaestinense* *Acanthoceras*; Blankenhorn. 2831.
- Paleorhinus* n. gen. Williston. 3489.
- palmata* *Alaria*; Blake. 2830.
- palmyrensis* *Pecten*; Krumbeck. 3128.
- paludinarum* *Navicula*; Pantocsek. 3262.
- pandatus* *Physonemus*; Eastman. 2952.
- panduraeformis* *Xanthiopyxis*; Pantocsek. 3262.
- Pantocsekia* n. gen. Pantocsek. 3262.
- pantocseckii* *Anisodiscus*; Grun. 3262.
- *Stictodiscus*; Tempère. 3262.
- papakurense* *Amussium*; Clarke. 2890.
- *Flabellum*; Clarke. 2890.
- papias* *Plectorthis*; Walcott. 3451.
- papillatus* *Jaekelocystis*; Schuchert. 3360.
- papillosa* *Plectambonites*; Reed. 3297.
- Paralagena* n. nom. Dall. 2918.
- parallela* *Cytheridea*; Lienenklaus. 3116.
- parallelestriata* *Navicula*; Pantocsek. 3262.

- Paraplatonaria* n. subgen. Blaschke. 2832.
- Paraptys* n. gen. Clarke. 2895.
- paripianata* Navicula; Pantocsek. 3262.
- parki* Magallania; Hutton. 3072.
- paroxyta* Cardita; Oppenheim. 3243.
- partita* n. var. Aulacodiscus lahusenii; Pantocsek. 3262.
- n. var. Tachestnowia mirabilis; Pantocsek. 3262.
- parvaculus* Lunulicardium; Clarke. 2895.
- parva* Apeibopsis; Perkins. 3273.
- Calloporina; Ulrich & Bassler. 3440.
- Oypis; Lienauklau. 3145.
- Hicoroides; Perkins. 3273.
- Megambonia; Weller. 3470.
- Promathidia; Böhm. 2840.
- Sepindoides; Perkins. 3273.
- Theocidea; Rau. 3291.
- parvula* Anomocare; Weller. 3470.
- parvulipora* Heterotrypa; Ulrich & Bassler. 3440.
- parvulus* Ascodictyon; Ulrich & Bassler. 3439.
- parvulus* Heterolepidotus; Gortjanovic-Kramberger. 3006.
- parvus* Carpolithes; Perkins. 3273.
- Dicellomus; Walcott. 3451.
- Palaeomastodon; Andrews. 2792.
- patra* Dimyodon; Böhm. 2840.
- Prasopora; Ulrich & Bassler. 3440.
- patrus* Sarcorhamphus; Lonnberg. 3153.
- pavida* Navicula; Pantocsek. 3262.
- paucistriatus* Pseudoscalites; Read. 3292.
- pauciloba* Dicksonia; Moller. 3205.
- pauciplicata* Nerinea; Krumbeck. 3128.
- pauciseptata* Dumortieria; Buckman. 2871.
- pecosensis* n. subsp. Ashmunella thompsoniana; Cockerell. 2897.
- pecten* Apatocephalus; Winna. 3500.
- pectinata* n. nom. Lattorina; Deninger. 2924.
- peculiaris* Trimerocystis; Schuchert. 3360.
- Pelamyrybium* n. gen. Toul. 3430.
- pelus* Obolus; Walcott. 3451.
- Pelosuchus* n. gen. Broom. 2863.
- penhallowii* Sequoia; Jeffrey. 3000.
- pentagonus* n. var. Glyptocrinus insperatus. Rowley. 3329.
- peragalloi* Aulacodiscus; Pantocsek. 3262.
- Cerataulus; Pantocsek. 3262.
- Coscinodiscus; Pantocsek. 3262.
- Cymbella; Pantocsek. 3262.
- Fragilaria; Pantocsek. 3262.
- Melosira; Pantocsek. 3262.
- Triceratium; Pantocsek. 3262.
- perducta* Navicula; Pantocsek. 3262.
- perdarrans* Cymbella; Pantocsek. 3262.
- perennis* Navicula; Pantocsek. 3262.
- perfecta* Cymbella; Pantocsek. 3262.
- Navicula; Pantocsek. 3262.
- perhorridus* Spondylus; Oppenheim. 3243.
- pericardium* Rhabdogonium; Brückman. 2869.
- perinflata* Beyrichia; Weller. 3470.
- perissa* Pterochaenia; Clarke. 2895.
- perlonga* Epithemia; Pantocsek. 3262.
- n. var. Epithemia gibberula; Pantocsek. 3262.
- Navicula; Pantocsek. 3262.
- perlongus* Hemiaulus; Pantocsek. 3262.
- n. var. Pentremites conoides. Greene. 3017.
- Pleurophorus; Böhm. 2840.

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| <i>permagna</i> | <i>Amphora</i> ; | Pantocsek. | <i>petraschecki</i> | <i>Palaeonodonta</i> ; | Schmidt. |
| ———— | <i>Biddulphia</i> ; | Pantocsek. | | 3342. | |
| <i>permensis</i> | <i>Amblypterus</i> ; | Krotov. | <i>pfeili</i> | <i>Acanthoceras</i> ; | Walther. 3454. |
| | 3127. | | <i>phalangium</i> | <i>Navicula</i> ; | Pantocsek. |
| <i>perna</i> | <i>Rhynchopterus</i> ; | Böhm. 2840. | | 3262. | |
| <i>perpusilla</i> | <i>Cocconeis</i> ; | Pantocsek. | <i>pharaonum</i> | <i>Cardita</i> ; | Oppenheim. |
| | 3262. | | ———— | 3243. | |
| <i>perrini</i> | <i>Thalattosaurus</i> ; | Merriam. | | <i>Gryphaea</i> ; | Oppenheim. |
| | 3188. | | | 3243. | |
| <i>persculpta</i> | <i>Navicula</i> ; | Pantocsek. | <i>pheres</i> | <i>Obolus</i> ; | Walcott. 3451. |
| | 3262. | | <i>phoeniciana</i> | <i>Terebratula</i> ; | Krum- |
| <i>persinuata</i> | <i>Rhynchonella</i> ; | Rau. | | beck. 3128. | |
| | 3291. | | <i>Phrygiomurex</i> | n. sect. Dall. | 2918. |
| <i>personata</i> | <i>Stigmatella</i> ; | Ulrich and | <i>Phryx</i> | n. subgen. Blaschke. | 2832. |
| | Bassler. 3440. | | <i>phylloceratoides</i> | <i>Pachylitoceras</i> ; | |
| <i>pertica</i> | <i>Undularia</i> ; | Böhm. 2840. | | Buckman. 2870. | |
| <i>perugata</i> | <i>Kutorgina</i> ; | Walcott. 3451. | <i>Physoseris</i> | n. gen. Vaughan. | 3446. |
| <i>pervasta</i> | <i>Navicula</i> ; | Pantocsek. | <i>pilosum</i> | <i>Lunulicardium</i> ; | Clarke. |
| | 3262. | | | 2895. | |
| <i>petasiformis</i> | <i>Hemiaulus</i> ; | Pantocsek. | <i>pinnata</i> | <i>Navicula</i> ; | Pantocsek. 3262. |
| | 3262. | | <i>pingue</i> | <i>Bittium</i> ; | Blake. 2830. |
| ———— | <i>Ploiaria</i> ; | Pantocsek. 3262. | <i>piriformis</i> | <i>Montlivaultia</i> ; | Missuna. |
| <i>pethői</i> | <i>Actinoptychus</i> ; | Pantocsek. | | 3199. | |
| | 3262. | | <i>plana</i> | <i>Posidonomya</i> ; | Philipp. 3281. |
| ———— | <i>Amphiprora</i> ; | Pantocsek. | <i>planus</i> | <i>Euomphalus</i> ; | Read. 3292. |
| | 3262. | | <i>platyceps</i> | <i>Euhapsis</i> ; | Peterson. |
| ———— | <i>Chaetoceros</i> ; | Pantocsek. | | 3277. | |
| | 3262. | | <i>platypus</i> | n. nom. Eubrontes ; | Lull. |
| ———— | <i>Cocconeis</i> ; | Pantocsek. | | 3163. | |
| | 3262. | | <i>plautini</i> | <i>Ptychopyge</i> ; | Schmidt. |
| ———— | <i>Coscinodiscus</i> ; | Pantocsek. | | 3344. | |
| | 3262. | | <i>plauensis</i> | n. nom. <i>Natica</i> ; | Deninger. |
| ———— | <i>Epithemia</i> ; | Pantocsek. | | 2924. | |
| | 3262. | | <i>plicata</i> | <i>Metaplasia</i> ; | Weller. 3470. |
| ———— | <i>Mastogloia</i> ; | Pantocsek. | <i>plicatella</i> | <i>Billingsella</i> ; | Walcott. |
| | 3262. | | | 3451. | |
| ———— | <i>Melosira</i> ; | Pantocsek. 3262. | <i>Ploiaria</i> | n. gen. Pantocsek. | 3262. |
| ———— | <i>Orthonoia</i> ; | Pantocsek. | <i>plumula</i> | <i>Glaucanome</i> ; | Wiman. |
| | 3262. | | | 3493. | |
| ———— | <i>Paralia</i> ; | Pantocsek. 3262. | <i>plutonica</i> | <i>Cymbella</i> ; | Pantocsek. |
| ———— | <i>Triceratium</i> ; | Pantocsek. | | 3262. | |
| | 3262. | | <i>polycystinica</i> | <i>Biddulphia</i> ; | Panto- |
| <i>petila</i> | <i>Palaeoneilo</i> ; | Clarke. 2895. | | csek. 3262. | |
| <i>petitii</i> | <i>Actinoptychus</i> ; | Pantocsek. | ———— | <i>Paralia</i> ; | Pantocsek. 3262. |
| | 3262. | | <i>polygibba</i> | <i>Navicula</i> ; | Pantocsek. |
| ———— | <i>Triceratium</i> ; | Pantocsek. | | 3262. | |
| | 3262. | | <i>polygibbum</i> | <i>Stylobibulum</i> ; | Panto- |
| | | | | csek. 3262. | |
| | | | ———— | <i>Triceratium</i> ; | Pantocsek. |
| | | | | 3262. | |

- polygona* n. var. *Tachestnowia mirabilis*; Pantocsek. 3262.
- Polygyra* n. gen. Weller. 3470.
- polythale* *Lacina*; Oppenheim. 3243.
- Polytropus* n. gen. Donald. 2961.
- pommerania* *Orientalia*; Huch. 3066.
- pompekyi* *Alocelytoceras*; Buckman. 2870.
- pontica* *Ontaria*; Clarke. 2895.
- Pontoleon* n. gen. True. 3435.
- pooli* *Megalodon*; Böhm. 2840.
- porcellanea* *Epistomina*; Bröckman. 2869.
- portlandicum* *Onychocardium*; Whitfield. 3477.
- portlandicum* *Maragnicrinus*; Whitfield. 3477.
- poswitsii* *Amphiptera*; Pantocsek. 3262.
- postelgantula* *Dalmanella*; Weller. 3470.
- potunici* *Paracalopterus*; Richter. 3317.
- praecollens* *Cocconeis*; Pantocsek. 3262.
- *Trinacria*; Pantocsek. 3262.
- praeclara* *Cymbella*; Pantocsek. 3262.
- *Navicula*; Pantocsek. 3262.
- praecochlear* *Ostrea*; Oppenheim. 3243.
- praeferox* *Triceratium*; Pantocsek. 3262.
- praeilus* *Navicula*; Pantocsek. 3262.
- praemediterraneus* *Otolithus*; Schubert. 3358.
- praesulcata* *Cytheridea*; Lienenklaus. 3146.
- praetrachyrhynchus* *Otolithus*; Schubert. 3358.
- predazzensis* *Pecten*; Philipp. 3281.
- prendeli* *Leda*; Androsow. 2794.
- preoblata* *Rhipidomella*; Weller. 3470.
- Preptoceras* n. gen. Furlong. 2988.
- pressa* *Navicula*; Pantocsek. 3262.
- pretiosa* *Pseudotruncatella*; Andrus. 2790.
- primaevus* *Caranx*; Eastman. 2953.
- primordialis* *Navicula*; Pantocsek. 3262.
- pringlei* *Tricarpellites*; Perkins. 3273.
- priacus* *Palosuchus*; Brocu. 2963.
- prismatica* *Hexaphyllus*; Stuckenberg. 3413.
- pritchardi* *Cryptoplax*; Hall. 3027.
- proaries* *Oioceros*; Schlosser. 3340.
- problematicus* *Gissocrinus*; Bowley. 3329.
- procar* *Toxochelys*; Hay. 3037.
- procera* *Navicula*; Pantocsek. 3262.
- *Trichomyia*; Meunier. 3194.
- Predastolius* n. gen. Schlosser. 3340.
- producta* n. var. *Cymbella cymbiformis*; Pantocsek. 3262.
- n. var. *Navicula arata*; Pantocsek. 3261.
- n. var. *Navicula lyra*; Pantocsek. 3262.
- n. var. *Navicula parca*; Pantocsek. 3262.
- n. var. *Navicula transylvanica*; Pantocsek. 3262.
- n. var. *Nitzschia frustulum*; Pantocsek. 3262.
- n. var. *Trinacria excavata*; Pantocsek. 3262.
- prompta* *Sycorax*; Meunier. 3194.
- propinqua* *Heterophlebia*; Bode. 2833.
- proprium* *Triceratium*; Pantocsek. 3262.
- propygmaeum* *Punctum*; Andrus. 2790.
- Protospiralis* n. gen. Clarke. 2895.
- protracta* *Amphora*; Pantocsek. 3262.
- protractum* *Triceratium*; Pantocsek. 3262.
- proxima* *Heterophlebia*; Bode. 2833.
- Prunoides* n. gen. Perkins. 3273.

- psamminum* Catulloceras; Buckman. 2871.
- pseudoarcticum* Triceratium; Pantocsek. 3262.
- Pseudousaphus* n. subgen. Schmidt. 3344.
- pseudoaspera* Navicula; Pantocsek. 3262.
- pseudocostatum* Stantonoceras; Johnson. 3094.
- pseudofasciatum* Loxonema; Donald. 2930.
- pseudofusca* Navicula; Pantocsek. 3262.
- pseudogemmata* Navicula; Pantocsek. 3262.
- pseudolineatus* Coscinodiscus; Pantocsek. 3262.
- pseudopriscus* Pecten; Rzehak. 3331.
- Pseudosaccocoma* n. gen. Remeš. 3307.
- Pseudozaphrentoides* n. gen. Stuckenberg. 3413.
- Pseudocerataulus* n. gen. Pantocsek. 3262.
- Pseudotragus* n. gen. Schlosser. 3340.
- Pseudotruncatella* n. gen. Andreae. 2790.
- pseudoturbinatum* Dibunophyllum; Stuckenberg. 3413.
- Pseudovirgatites* n. subgen. Vetters. 3450.
- Pteridorachis* n. gen. Nathorst. 3213.
- Pterochaenia* n. gen. Clarke. 2895.
- Ptychocladia* n. gen. Ulrich & Bassler. 3439.
- pugnus* Diaphorostoma; Clarke. 2895.
- pulchella* Simulia; Meunier. 3192.
- pulchra* Leptophyllia; Missuna. 3199.
- Trichomyia; Meunier. 3194.
- Xylota; Meunier. 3191.
- pumpellyi* Billingsella; Walcott. 3451.
- punctata* Amphiprora; Pantocsek. 3262.
- punctatus* Pentaceros; Spencer. 3401.
- punctulata* Cuneocythere; Lienenklaus. 3146.
- punctulatum* Cytheropteron; Lienenklaus. 3146.
- punctulatus* Actinoptychus; Pantocsek. 3262.
- pura* Lagena; Hücke. 3066.
- pusillus* Udenodon; Jaekel. 3078.
- pygmaea* n. var. Cocconeis lineata; Pantocsek. 3262.
- Cyclotella; Pantocsek. 3262.
- Etoblattina; Meunier. 3193.
- Macrochilina; Clarke. 2895.
- n. var. Melosira undulata; Pantocsek. 3261.
- Odontella; Pantocsek. 3262.
- pyramidalis* Monocarpellites; Perkins. 3273.
- pyramidarum* Pectunculus; Oppenheim. 3243.
- quadrangularis* Verticordia; Aldrich. 2872.
- quadrata* Ammonella; Walther. 3455.
- quadrilateralis* Obolus; Walcott. 3451.
- Quebecia* n. gen. Walcott. 3451.
- quenstedti* Cadomella; Rau. 3291.
- qurnaensis* Lucina; Oppenheim. 3243.
- radialis* Sphaeria; Engelhardt. 2960.
- radians* Patella; Read. 3292.
- radiato-punctata* Cyclotella; Pantocsek. 3262.
- radiatus* Nymphaster; Spencer. 3401.
- racana* Cocconeis; Pantocsek. 3262.
- rai* Lucina; Oppenheim. 3243.
- raiblensis* Purpuroidea; Blaschke. 2832.
- rákoczyana* Cymbella; Pantocsek. 3262.
- ramosa* Cythereis; Lienenklaus. 3146.
- ramphoides* Navicula; Pantocsek. 3262.
- ramses* Lima; Oppenheim. 3243.

- maculatum** Cytheridea; Lienenklaus. 3146.
- maus** Stenothoe; Walcott. 3451.
- matrayi** Navicula; Pantocsek. 3262.
- *Pseudonidiscus*; Pantocsek. 3262.
- *Triceratium*; Pantocsek. 3262.
- recta** Candona; Lienenklaus. 3146.
- *Ostrea*; Oppenheim. 3243.
- rediviva** Antherangiopsis; Nathorst. 2214.
- redivivus** Belemnites; Blake. 2830.
- regularis** Dichograptus; Tornquist. 3429.
- *Dumortieria*; Buckman. 2871.
- reinechi** Pristis; Stromer. 3411.
- remotocristata** n. var. *Gomphonema micropus*; Pantocsek. 3261.
- reniformis** Perisphinctes; Vetter. 3450.
- renunciatum** *Triceratium*; Pantocsek. 3262.
- reticulata** Actinopteria; Weller. 3470.
- reticulatus** Actinoptychus; Pantocsek. 3262.
- *Aulacodiscus*; Pantocsek. 3262.
- *Campylodiscus*; Pantocsek. 3262.
- Reticulograptus** n. gen. Wiman. 3493.
- reusii** Navicula; Pantocsek. 3262.
- rex** Tyrannosaurus; Osborn. 3249.
- Rhabdostropha** n. subgen. Donald. 2930.
- rhenana** Candona; Lienenklaus. 3146.
- *Xestoleberis*; Lienenklaus. 3146.
- rhizoida** Bouchardia; Hutton. 3072.
- rhomboidalis** Mastogloia; Pantocsek. 3262.
- Rhombotrypa** n. gen. Ulrich & Bassler. 3440.
- richardsoni** Stomatopora; Lang. 3134.
- richthofeni** Billingsella; Walcott. 3451.
- *Rhynchonella*; Philipp. 3281.
- ripi** Lima; Bohm. 2840.
- rikuzenica** Perna; Yokoyama. 3519.
- rinnboeckii** Entopyla; Pantocsek. 3262.
- risgoviensis** Cypris; Sieber. 3388.
- Robertia** n. gen. Wiman. 3495.
- robusta** Biddulphia; Pantocsek. 3262.
- n. var. *Cymbella lanceolata*; Pantocsek. 3262.
- *Keratophora*; Pantocsek. 3262.
- *Navicula*; Pantocsek. 3262.
- n. var. *Navicula bituminosa*; Pantocsek. 3262.
- *Podocira*; Pantocsek. 3262.
- *Rhopalomena*; Ulrich & Bassler. 3439.
- robustior** n. var. *Triceratium pileus*; Pantocsek. 3262.
- robustus** n. var. *Codaster attenuatus*; Greene. 3017.
- *Pentagonaster*; Spencer. 3401.
- roemeri** Pleurotomaria; Tokarenko. 3419.
- rombergi** Ceratites; Philipp. 3281.
- rooseboomi** Hoplites; Boehm. 2835.
- rosenboechi** Cassianella; Philipp. 3281.
- rossica** Caninia; Stuckenborg. 3413.
- *Dybowskiella*; Stuckenborg. 3413.
- *Fischerina*; Stuckenborg. 3413.
- *Lonsdaleia*; Stuckenborg. 3413.
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LIST OF JOURNALS WITH ABBREVIATED TITLES.

<i>Abh. geol. Specialkarte Els.-Lothr., Strassburg</i>	Abhandlungen zur geologischen Specialkarte von Elsass-Lothringen. Strassburg. [2-3 H. jährl.]	1 Ger.
<i>Albany, N.Y., St. Educ. Dept., Mus. Bull.</i>	New York State Education Department. New York State Museum Bulletin. Albany, N.Y.	4 U.S.
<i>Allatt. Közlem., Budapest ...</i>	Allattani Közlemények, Budapest. [Zoológische Mittheilungen, Budapest.]	32 Hun.
<i>Amer. Geol., Minneapolis, Minn.</i>	American Geologist, Minneapolis, Minnesota.	13 U.S.
<i>Amer. Mus. J., New York, N.Y.</i>	The American Museum Journal. American Museum of Natural History. New York, N.Y.	554 U.S.
<i>Amer. Nat., Boston, Mass.</i>	The American Naturalist, Boston, Mass.	21 U.S.
<i>Ann. Bot., Oxford</i>	Annals of Botany, Oxford	4 U.K.
<i>Ann. Hist.-Nat. Mus. Nat. Hung., Budapest.</i>	Annales Historico-Naturales Musei Nationalis Hungarici, Budapest.	34 Hun.
<i>Ann. Mag. Nat. Hist., London</i>	Annals and Magazine of Natural History, London.	7 U.K.
<i>Anthr., Paris</i>	Anthropologie. (Réunion des Matériaux pour l'histoire de l'homme, de la Revue d'anthropologie, et de la Revue d'ethnographie.) Dir. Boule et Ver- neau. Paris. [bimestr.]	103 Fr.
<i>Arch. Anthr., Braun- schweig</i>	Archiv für Anthropologie, hrsg. v. Ranke. Braunschweig. [$\frac{1}{4}$ jährl.]	53 Ger.
<i>Arch. Natur. LdDurchf. Böhmen, Prag</i>	Archiv der Naturwissenschaftlichen Landesdurchforschung von Böhmen. Prag. [zwanglos.]	26 Aus.
<i>Ark.. Zool., Stockholm ...</i>	Arkiv för zoologi utgifvet af K. Svenska Vetenskapsakademien i Stockholm.	— Swe.
<i>Augsburg, Ber. natw. Ver.</i>	Bericht des naturwissenschaftlichen Vereins für Schwaben und Neuburg, früher naturhistorischen Vereins in Augsburg. Augsburg. [mehrjähr.]	96 Ger.
<i>Austin, Cont. Zool. Lab. Univ. Tex.</i>	Contributions from the Zoological Laboratory of the University of Texas, Austin.	30 U.S.

Autun, Bul. soc. hist. nat. ...	Bulletin de la société d'histoire naturelle. Autun (Saône-et-Loire).	149 Fr.
Auxerre, Bul. soc. sci. hist. nat.	Bulletin de la société des sciences historiques et naturelles de l'Yonne. Auxerre (Yonne).	152 Fr.
Baltimore, Md., Johns Hopkins Univ. Cir.	John Hopkins University Circulars, Baltimore, Md.	36 U.S.
Bamberg, Ber. natf. Ges. ...	Bericht der naturforschenden Gesellschaft in Bamberg. Bamberg. [3 jährl.]	111 Ger.
Belfast, Rep. Nat. F. Cl. ...	Report and Proceedings of the Belfast Naturalists' Field Club, Belfast.	24 U.K.
Berkeley, Univ. Cal., Bull. Dept. Geol.	University of California. Bulletin of the Department of Geology, Berkeley.	40 U.S.
Berlin, Abh. geol. Landesanst.	Abhandlungen der kgl. preussischen geologischen Landesanstalt. Berlin. [2 3 H. jährl.]	154 Ger.
Berlin, Jahrb. geol. Landesanst.	Jahrbuch der kgl. preussischen geologischen Landesanstalt und Bergakademie. Berlin. [jährl.]	171 Ger.
Berlin, Sitzber. Ges. natf. Freunde	Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin. Berlin [jährl. in zwangl. H.]	183 Ger.
Berlin, Ze. D. geol. Ges. ...	Zeitschrift der deutschen geologischen Gesellschaft. Berlin. [$\frac{1}{2}$ jährl.]	199 Ger.
Boston, Mass., Mem. Soc. Nat. Hist.	Memoirs of the Boston Society of Natural History, Boston, Mass.	54 U.S.
Boston, Mass., Proc. Soc. Nat. Hist.	Proceedings of the Boston Society of Natural History, Boston, Mass.	61 U.S.
Bot. Gaz., Chicago, Ill., Univ. Chic.	Botanical Gazette. (University of Chicago), Chicago, Ill.	64 U.S.
Bot. Jahrb., Leipzig ...	Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie, hrsg. v. Engler. Leipzig. [10 H. jährl.]	242 Ger.
Bot. Not., Lund ...	Botaniska Notiser. Utgifne af C. F. O. Nordstedt. Lund. 8vo.	5 Swe.
Boulder, Univ. Colo. Stud.	The University of Colorado Studies. Boulder, Colo.	572 U.S.
Brandenburgia, Berlin	Brandenburgia Monatsblatt der Gesellschaft für Heimathkunde der Provinz Brandenburg zu Berlin. Berlin. [monatl.]	246 Ger.
Braunschweig, Jahresber. Ver. Natur.	Jahresbericht des Vereins für Naturwissenschaft zu Braunschweig. Braunschweig. [2 jährl.]	250 Ger.
Breslau, Jahresber. Ges. vaterl. Cultur	Jahresbericht der schlesischen Gesellschaft für vaterländische Cultur. Breslau. [jährl.]	258 Ger.

<i>Brünn, Zs. Mähr. Ld-Mus.</i>	Zeitschrift des Mährischen Landes- museums. Herausgegeben von der Mährischen Museums-Gesellschaft. Red. v. A. Rzehak, C. Schirmeisen u. J. Matzura. Brünn. [$\frac{1}{2}$ jährl.]	63 Aus.
<i>Bul. Muséum, Paris</i> ...	Bulletin du Muséum d'Histoire Natu- relle. Paris. [8 numéros par an.]	237 Fr.
<i>Cambridge, Mass., Bull. Mus. Comp. Zool. Har- vard Coll.</i>	Bulletin of the Museum of Comparative Zoology at Harvard College, Cam- bridge, Mass.	71 U.S.
<i>Cambridge, Mass., Mem. Mus. Comp. Zool. Har- vard Coll.</i>	Memoirs of the Museum of Comparative Zoology of Harvard College, Cam- bridge, Mass.	78 U.S.
<i>Cambridge, Proc. Phil. Soc.</i>	Proceedings of the Cambridge Philo- sophical Society, Cambridge.	48 U.K.
<i>Cape Town, Trans. S. Afric. Phil. Soc.</i>	Transactions of the South African Philo- sophical Society, Cape Town. [In- cludes Proceedings.]	7 S. Afric.
<i>Centralbl. Min., Stuttgart</i>	Centralblatt für Mineralogie, Geologie und Paläontologie, hrsg. v. Bauer etc. Stuttgart. [$\frac{1}{2}$ monatl.]	285 Ger.
<i>Chapel Hill, N.C., J. Elisha Mitchell Sci. Soc.</i>	Journal of the Elisha Mitchell Scientific Society, Chapel Hill, N.C.	88 U.S.
<i>Charikov, Trd. Obšč. ispyt. prir.</i>	Труды Общества испытателей приро- ды при Императорскомъ Харьков- скомъ Университетѣ. Харьковъ [Travaux de la Société des naturalistes de l'Université Impériale de Khar- kov].	22 Rus.
<i>Chemnitz. Ber. natu. Ges.</i>	Bericht der naturwissenschaftlichen Gesellschaft zu Chemnitz. Chem- nitz. [mehrjähr.]	303 Ger.
<i>Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser.</i>	Publications of the Field Columbian Museum. Geological Series. Chicago, Ill.	108 U.S.
<i>Chicago, Ill., Pub. Field Columb. Mus., Rep. Ser.</i>	Publications of the Field Columbian Museum. Report Series. Chicago, Ill.	110 U.S.
<i>Columbus, Rep. Ohio Acad. Sci.</i>	Annual Report of the Ohio State Academy of Science. Columbus, Ohio.	549 U.S.
<i>CorrBl. D. Ges. Anthr., München</i>	Correspondenzblatt der deutschen Gesellschaft für Anthropologie, Eth- nologie und Urgeschichte. München. [monatl.]	312 Ger.
<i>Darmstadt, Notizbl. Ver. Erdk.</i>	Notizblatt des Vereins für Erdkunde und der grossherzoglichen geologi- schen Landesanstalt zu Darmstadt, nebst Mittheilungen aus der gross- herzoglich hessischen Centralstelle für die Landesstatistik. Darmstadt. [jähr.]	396 Ger.
<i>Davenport, Iowa, Proc. Acad. Nat. Sci.</i>	Proceedings of the Davenport Academy of Natural Sciences, Davenport, Iowa.	131 U.S.

Des Moines, Proc. Iowa Acad. Sci.	Proceedings of the Iowa Academy of Sciences, Des Moines	137 U.S.
Dresden, Sitzber. Isis ..	Sitzungsberichte und Abhandlungen der naturwissenschaftlichen Gesellschaft Isis in Dresden. Dresden. [jähr.]	415 Ger.
Dublin, Proc. R. Irish Acad.	Proceedings of the Royal Irish Academy, Dublin.	74 U.K.
Dürkheim, Mitt. Pollichia	Mittheilungen der Pollichia, eines naturwissenschaftlichen Vereines der Rheinpfalz Dürkheim. [zwanglos.]	418 Ger.
Econ. Geol., Lancaster, Pa.	Economic Geology, Lancaster, Pa.	— U.S.
Edinburgh, Proc. R. Physic. Soc.	Proceedings of the Royal Physical Society of Edinburgh.	95 U.K.
Földt. Esh., Budapest ..	A Magyar Kiralvi Földtani Intézet Evkönyve, Budapest. [Jahrbuch der königlichen ungarischen geologischen Anstalt, Budapest.]	20 Hun.
Földt. Int. Évi Jelent., Budapest	A Magyar Kiralvi Földtani Intézet Évi Jelentése, Budapest. [Jahresbericht der königlichen ungarischen geologischen Anstalt, Budapest.]	22 Hun.
Földt. Közl., Budapest ..	Földtani Közlöny, Budapest. [Geologische Mittheilungen, Budapest.]	7 Hun.
Frankfurt a. M., Abh. Senckenb. Ges.	Abhandlungen hrsg. v. d. Senckenbergischen naturforschenden Gesellschaft, Frankfurt a. M. [3 H. jährl.]	473 Ger.
Frankfurt a. M., Ber. Senckenb. Ges.	Bericht der Senckenbergischen naturforschenden Gesellschaft in Frankfurt a. M. [jähr.]	476 Ger.
Frankfurt a. M., Nachr. Bl. D. malakozool. Ges.	Nachrichtablatt der deutschen malakozoologischen Gesellschaft, Frankfurt a. M. [monatl.]	480 Ger.
Geogn. Jahreshfte, München.	Geognostische Jahreshfte, hrsg. v. d. geognostischen Abtheilung des kgl. bayerischen Oberbergamts in München. München. [jähr.]	507 Ger.
Geol. Mag. London... ...	Geological Magazine, London	134 U.K.
Geol. u. palæont. Abh., Jena	Geologische und palæontologische Abhandlungen, hrsg. v. E. Koken. Jena (G. Fischer). [zwanglos.]	1267 Ger.
Globus, Braunschweig ...	Globus. Illustrierte Zeitschrift für Länder- und Völkerkunde, hrsg. v. Andree. Braunschweig. [woch.]	525 Ger.
Gloucester, Proc. Cotteswold Nat. F. Cl.	Proceedings of the Cotteswold Naturalists' Field Club, Gloucester.	144 U.K.
Göttingen, Abh. Ges. Wiss.	Abhandlungen der kgl. Gesellschaft der Wissenschaften zu Göttingen. Berlin [jähr. in zwangl. H.]	529 Ger.
Gotha, Mitt. Ver. Gesch. ..	Mittheilungen der Vereinigung für Gothaische Geschichte und Altertumsforschung. Gotha. [jähr.]	— Ger.

<i>Grahamstown, Cape Colony, Rec. Albany Mus.</i>	Records of the Albany Museum, Grahamstown.	12 S. Afric.
<i>Graz, Mitt. Natur. Ver. Steierm.</i>	Mitteilungen des Naturwissenschaftlichen Vereines für Steiermark. Red. v. C. Doelter. Graz. [jähr.]	119 Aus.
<i>Greifswald, Mitt. natur. Ver.</i>	Mittheilungen aus dem naturwissenschaftlichen Verein für Neu-Vorpommern und Rügen in Greifswald Berlin. [jähr.]	535 Ger.
<i>Gronigen, Mitt. Min. Geol. Inst.</i>	Mitteilungen aus dem Mineralogisch-Geologischen Institut der Reichs-Universität zu Gronigen, Leipzig (Borntraeger), Gronigen (Erven P. Nordhoff).	— Hol.
<i>Güstrow, Arch. Ver. Natg.</i>	Archiv des Vereins der Freunde der Naturgeschichte in Mecklenburg. Güstrow. [jähr.]	537 Ger.
<i>Haarlem, Arch. Mus. Teyler</i>	Archives du Musée Teyler, Haarlem. 8vo.	21 Hol.
<i>Halmstadt, Halland Hush. Sällsk. Handl.</i>	Hallands läns Hushällnings-Sällskaps Handlingar. Halmstad.	— Swe.
<i>Handl. Ned. Nat. Geneesk. Congres.</i>	Handelingen van het Nederlandsch Natuur- en Geneeskundig Congress. 8vo.	26 Hol.
<i>Heidelberg, Mitt. geol. Landesanst.</i>	Mittheilungen der grossherzoglich badischen geologischen Landesanstalt, hrsg. im Austr. des Ministeriums des Innern. Heidelberg. [jähr.]	574 Ger.
<i>Heidelberg, Verh. nathist. Ver.</i>	Verhandlungen des naturhistorisch-medicinischen Vereins zu Heidelberg. Heidelberg. [1-2 H. jähr.]	575 Ger.
<i>Hildesheim, Mitt. Roemer- Mus.</i>	Mittheilungen aus dem Roemer-Museum zu Hildesheim. [zwanglos].	583 Ger.
<i>Hull Mus. Publ. ...</i>	Hull Museum Publications ...	— U.K.
<i>Indianapolis, Ind., Proc. Acad. Sci.</i>	Proceedings of the Indiana Academy of Science, Indianapolis.	169 U.S.
<i>Intern. GeflüZucht J., Berlin</i>	Internationales Geflügelzucht-Journal. Berlin. [$\frac{1}{2}$ monatl.]	667 Ger.
<i>Irish Nat., Dublin ...</i>	Irish Naturalist (a monthly Journal of General Irish Natural History), Dublin.	161 U.K.
<i>Jaarb. Mijnc. Ned. Ind., Batavia.</i>	Jaarboek van het Mijnwezen in Nederlandsch-Indië, uitgegeven door het Ministerie van Koloniën, Batavia. 8vo.	29 Hol.
<i>Jahresber. hist. Ver. Ra- vensberg, Bielefeld.</i>	Jahresbericht des historischen Vereins für die Grafschaft Ravensberg. Bielefeld. [jähr.]	— Ger.
<i>J. Conch., Leeds ...</i>	The Journal of Conchology, Leeds. 8vo.	168 U.K.
<i>Jena, Denkschr. med. Ges.</i>	Denkschriften der medicinisch-naturwissenschaftlichen Gesellschaft zu Jena. [jähr. in zwangl. H.]	647 Ger.

Jena, Mitt. geogr. Ges. ...	Mittheilungen der geographischen Gesellschaft für Thüringen zu Jena. Jena. [jähr.]	648 Ger
Jelleg. geol. i miner. Var- sava.	Ежегодникъ по геологiи и минералогiи Россiи. Варшава [Annuaire de la géologie et de la minéralogie de Russie. Varsovie]	68 Rus.
J. Geol., Chicago, Ill.	Journal of Geology. (University of Chicago), Chicago, Ill.	101 U.S.
Kiev, Zap. Obšč. Jest. ...	Записки Кіевскаго Общества естествоиспытателей. Кіевъ [Mémoires de la Société des Naturalistes de Kiev]	100 Rus.
Kjöbenhavn, Danm. Geol. Unders.	Danmarks geologiske Undersøgelse, Kjöbenhavn.	8 Den.
Kjöbenhavn, Medd. Grönl.	Meddelelser om Grönland, Kjöbenhavn.	16 Den.
Kjöbenhavn, Nath. Medd. ..	Videnskabelige Meddelelser fra naturhistorisk Forening, Kjöbenhavn.	18 Den.
Königsberg, Schr. physik. Ges.	Schriften der physikalisch-ökonomischen Gesellschaft zu Königsberg. [jähr.]	702 Ger
Kosmos, Lwów ...	Kosmos, czasopismo Polskiego Towarzystwa przyrodników im. Kopernika, red. B. Radziszewski, Lwów. 8vo. [monthly.]	21 Pol.
Kraków, Bull. Intern. Acad.	Bulletin International de l'Académie des Sciences de Cracovie, classe des Sciences mathématiques et naturelles, red. J. Rostafiński, Cracovie. 8vo. [monthly.]	11 Pol.
Kraków, Rozpr. Akad. B.	Rozprawy Wydziału Matematyczno-Przyrodniczego Akademii Umiejętności, Dział B, nauki biologiczne, Kraków. 8vo. [monthly.]	15 Pol.
Kraków, Spraw. Kom. fizyogr.	Sprawozdanie Komisji fizyograficznej, obejmujące pogląd na czynności dokonane w ciągu roku . . . , oraz Materiały do fizyografii krajowej, Kraków. 8vo. [annual.]	17 Pol.
Kristiania. Forh. Vid. selsk.	Forhandlinger i Videnskabselskabet i Kristiania.	12 Nor.
Kristiania, Tidskr. norsk. Landb.	Tidskrift for det norske Landbrug, Kristiania.	20 Nor.
Lawrence, Kan. Univ. Sci. Bull.	The Kansas University Science Bulletin. Lawrence, Kan. [Includes Kansas University Quarterly.]	555 U.S.
Leipzig, Zs. D. Palästina- ver.	Zeitschrift des deutschen Palästina-Vereins. Leipzig. (3 H. jähr.) Nebst Mittheilungen und Nachrichten des deutschen Palästina-Vereins.	740 Ger.
Lille, Ann. soc. géol. . .	Annales de la société géologique du Nord. Lille (Nord). [bimestr.]	420 Fr.
Liverpool, Proc. Geol. Soc. ...	Proceedings of the Liverpool Geological Society, Liverpool.	204 U.K.

<i>London, J. R. Microsc. Soc.</i>	Journal of the Royal Microscopical Society, London.	240 U.K.
<i>London, J. Trans. Vic. Inst.</i>	Journal of the Transactions of the Victoria Institute, London.	246 U.K.
<i>London, Monogr. Palæont. Soc.</i>	Monographs of the Palæontographical Society, London.	252 U.K.
<i>London, Phil. Trans. R. Soc.</i>	Philosophical Transactions of the London Royal Society.	254 U.K.
<i>London, Proc. Geol. Ass. ...</i>	Proceedings of the Geologists' Association, London.	257 U.K.
<i>London, Proc. Malac. Soc.</i>	Proceedings of the Malacological Society of London, London. 8vo.	261 U.K.
<i>London, Proc. R. Inst. ...</i>	Proceedings of the Royal Institution of Great Britain, London.	265 U.K.
<i>London, Proc. R. Soc. ...</i>	Proceedings of the London Royal Society.	267 U.K.
<i>London, Proc. Zool. Soc. ...</i>	Proceedings of the Zoological Society, London.	271 U.K.
<i>London, Q. J. Geol. Soc. ...</i>	Quarterly Journal of the Geological Society, London.	272 U.K.
<i>London, Rep. Brit. Ass. ...</i>	Report of the British Association for the Advancement of Science, London.	276 U.K.
<i>Lund, Univ. Årsskr. ...</i>	Acta Universitatis Lundensis.—Lunds Universitets Års-skrift. Lund. 4to.	14 Swe.
<i>Mâcon, Bul. soc. sci. nat. ...</i>	Bulletin de la Société des sciences naturelles de Mâcon (Saone et Loire).	928 Fr.
<i>Manchester, Mem. Lit. Phil. Soc.</i>	Memoirs and Proceedings of the Manchester Literary and Philosophical Society, Manchester.	302 U.K.
<i>Mans (Le), Bul. Acad. inter. nat. géog. bot.</i>	Bulletin de l'académie internationale de géographie botanique. "Le monde des plantes." Sec. H. Lévillé. Le Mans (Sarthe). [mensuel.]	463 —
<i>Mater. geol. Ross., St. Peterburg</i>	Материалы для геологии России. С.-Петербургъ [Matériaux pour la géologie de la Russie. St.-Petersbourg].	117 Rus.
<i>Mem. Geol. Surv. Eng., London</i>	Memoirs of the Geological Survey of England and Wales, London.	325 U.K.
<i>Mitt. Alpenver., München ...</i>	Mittheilungen des deutschen und österreichischen Alpenvereins. Wien, München. [$\frac{1}{2}$ monatl.]	796 Ger.
<i>Monatschr. Mineralien-sammler, Rochlitz</i>	Monatschrift für Mineralien-, Gesteins- und Petrefaktensammler. Hrag. v. R. Zimmermann. Rochlitz i Sa. [monatl.]	— Ger.
<i>Moskva, Bull. Soc. Nat. ...</i>	Bulletin de la Société Impériale des Naturalistes de Moscou.	136 Rus.
<i>München, SitzBer. Ak. Wiss.</i>	Sitzungsberichte der kgl. bayerischen Akademie der Wissenschaften zu München. München. [jähr. in zwangl. H.]	839 Ger.

Münster, Jahrb. Prov. Ver. Wiss.	Jahresbericht des westfälischen Provinzialvereins für Wissenschaft und Kunst. Münster. [jähr.]	850 Ger.
Nancy, Bul. soc. sci.	Bulletin des séances de la société des sciences de Nancy et de la réunion biologique de Nancy (Meurthe-et-Moselle). [mensuel].	530 Fr.
Naturalist, London	The Naturalist, Leeds and London	336 U K
Nature, Paris	Nature (la), revue illustrée des sciences et de leurs applications aux arts et à l'industrie. Réd. H. de Parville Paris. [hebdomad.]	512 Fr.
Natur u. Kultur, München	Natur und Kultur. Zeitschrift für Schule und Leben. Hrag. v. F. H. Voller. München. [1 monatl.]	— Ger.
Natur u. Schule, Leipzig	Natur und Schule. Zeitschrift für den gesammten naturkundlichen Unterricht aller Schulen. Leipzig und Berlin.	1280 Ger.
Natur. Wochenschr., Jena	Naturwissenschaftliche Wochenschrift. red. v. Potonié. Jena. [wöchl.]	868 Ger.
Nautilus, Boston, Mass.	Nautilus, Boston, Mass.	271 U.S.
New York, N.Y., Bull. Amer. Mus. Nat. Hist.	Bulletin of the American Museum of Natural History, New York, N.Y.	209 U.S.
New York, N.Y., Bull. Torrey Bot. Cl.	Bulletin of the Torrey Botanical Club. New York, N.Y.	302 U.S.
N. Jahrb. Min., Stuttgart	Neues Jahrbuch für Mineralogie, Geologie und Paläontologie, hrag. v. Bauer. Stuttgart. [2 monatl.] Nebst Beilage-Bänden.	854 Ger.
Növényt. Közlem., Budapest	Növénytani Közlemények, Budapest. [Botanische Mitteilungen, Budapest.]	33 Hun.
Nord. Tidskr., Stockholm	Nordisk Tidskrift för vetenskap, konst och industri utgifven af Letterstedtska Föreningen, redigerad af Oscar Montelius. Stockholm 8vo.	17 Swe.
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Nyt Mag. Naturv., Kristiania	Nyt Magazin for Naturvidenskaberne, Kristiania.	24 Nor.
Odessa, Mém. Soc. Nat. Nouv. Russ.	Записки Новороссійскаго Общества естествоиспытателей. Одесса [Mémoires de la Société des Naturalistes de la Nouvelle Russie. Odessa.]	— Rus.

<i>Olmütz, Čas. Muz. Spolku ...</i>	Časopis Vlasteneckého Spolku Muzejního v Olomouci. Olomouc. [Zeitschrift des Vaterländischen Musealvereins in Olmütz. Olmütz.] [¼ jährl.]	260 Aus.
<i>Palaeontographica, Stuttgart</i>	Palaeontographica. Beiträge zur Naturgeschichte der Vorzeit, hrsg. v. Zittel. Stuttgart. [2–3 H. jährl.]	898 Ger.
<i>Pam. fizyogr., Warszawa ...</i>	Pamiętnik fizyograficzny, wydawcy W. Wróblewski i B. Znatowicz, Warszawa. 4to. [annual.]	32 Pol.
<i>Paris, Bul. mém. soc. anthr.</i>	Bulletin et mémoires de la société d'anthropologie de Paris. Paris. [bimestr.]	577 Fr.
<i>Paris, Bul. soc. ent. ...</i>	Bulletin de la société entomologique de France. Paris. [mensuel.]	591 Fr.
<i>Paris, Bul. soc. géol. ...</i>	Bulletin de la société géologique de France. Paris. [mensuel.]	598 Fr.
<i>Paris, C.-R. Acad. sci. ...</i>	Comptes-rendus hebdomadaires des séances de l'Académie des sciences. Paris. [hebdomad.]	612 Fr.
<i>Paris, C.-R. ass. franç. avanc. sci.</i>	Comptes-rendus de l'association française pour l'avancement des sciences. Paris. [2 volumes par an.]	613 Fr.
<i>Philadelphia, Pa., Proc. Acad. Nat. Sci.</i>	Proceedings of the Academy of Natural Sciences of Philadelphia, Philadelphia, Pa.	371 U.S.
<i>Pittsburg, Pa., Ann. Carnegie Mus.</i>	Annals of the Carnegie Museum, Pittsburg, Pa.	388 U.S.
<i>Pittsburg, Pa., Mem. Carnegie Mus.</i>	Memoirs of the Carnegie Museum, Pittsburg, Pennsylvania.	389 U.S.
<i>Pop. Sci. Mon., New York, N.Y.</i>	Popular Science Monthly, New York, N.Y.	392 U.S.
<i>Potf. Term. Közl., Budapest</i>	Potfuzetek a Természettudományi Közlönyhöz, Budapest. [Beiblätter zu den naturwissenschaftlichen Mittheilungen, Budapest.]	13 Hun.
<i>Poznań, Roczn. Tow. Nauk.</i>	Roczniki Poznańskiego Towarzystwa Przyjaciół Nauk, Poznań. 8vo. [annual.]	36 Pol.
<i>Pozsonyi Orv.-term. Egyl. Közlem.</i>	A Pozsonyi Orvos-Természettudományi Egyesület Közleménzei, Pozsony. [Verhandlungen des Vereins für Natur- und Heilkunde zu Pozsony (Pressburg), Pozsony.]	— Hun.
<i>Prag, Bull. Ac. Sci. Franç. Jos.</i>	Académie des Sciences de l'Empereur François Joseph I. Bulletin International. Prag.	289 Aus.
<i>Prag, Rozpr. České Ak. Frant. Jos.</i>	Rozpravy České Akademie Císaře Františka Josefa pro Vědy, Slovesnost' a Umění. Praha. [Abhandlungen der Tschechischen Kaiser Franz Josefs-Akademie für Wissenschaft, Literatur und Kunst]. [zwanglos.]	302 Aus.

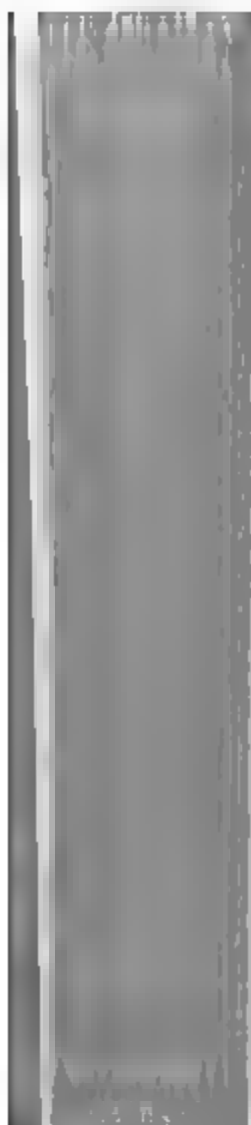
Prag, Věstn. Česká Ak. Frant. Jos.	Věstník České Akademie císaře Františka Josefa pro Vědy, Slovesnost a Umění. Praha. [Anzeiger der Tschechischen Kaiser Franz Josefs-Akademie für Wissenschaft, Literatur und Kunst.] [9 H. jährl.]	312 Aus.
Prometheus, Berlin	Prometheus. Illustrierte Wochenschrift über die Fortschritte in Gewerbe, Industrie und Wissenschaft, hrsg. v. Witt. Berlin. [wöch.]	938 Ger.
Prostějov, Vesta. Kl. Přír.	Věstník klubu přírodovědeckého. [Mittheilungen des naturwissenschaftlichen Klubs.] Prostějov	Aus.
Regensburg, Ber. natur. Ver.	Berichte des naturwissenschaftlichen (früher zoologisch-mineralogischen) Vereins zu Regensburg. (Forts. des Correspondenzblattes.) Regensburg. [2 jährl.]	949 Ger.
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Rochdale, Trans. Lit. Sci. Soc.	Transactions of the Rochdale Literary, etc., Society, Rochdale. 8vo.	394 U.K.
Rochester, N.Y., Bull. Geol. Soc. Amer.	Bulletin of the Geological Society of America, Rochester, N.Y.	410 U.S.
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S. E. Nat., Tunbridge Wells	The South Eastern Naturalist, Tunbridge Wells. 8vo.	401 U.K.
Stockholm, Geol. För. Förh.	Geologiska Föreningens i Stockholm förhandlingar. Stockholm. 8vo.	23 Swe.
Stockholm, Sv. Geol. Unders.	Sveriges Geologiska Undersökning. Serien A. Kartblad med beskrifningar. Serien B. Öfversigtskartor, Specialkartor Serien C. Afhandlingar och uppsatser. [Chiefly consist of papers originally published by other scientific bodies.]	35 Swe.
Stockholm, Vet.-Ak. Handl.	Kongl. Svenska Vetenskaps-Akademins Handlingar. Stockholm. 4to.	40 Swe.

<i>Stone, Rep. N. Staff. F. Cl.</i>	Annual report and transactions of the North Staffordshire Naturalists' Field Club, and Archæological Society, Stone.	410 U.K.
<i>St. Peterburg, Bull. Ac. Sc.</i>	Извѣстія Императорской Академіи Наукъ. С.-Петербургъ [Bulletin de l'Académie Impériale des Sciences de St. Pétersbourg].	251 Rus.
<i>St. Peterburg, Mém. Ac. Sc.</i>	Записки Императорской Академіи Наукъ по физико-математическому отдѣленію. С.-Петербургъ [Mémoires de l'Académie Impériale des Sciences. Classe des sciences physiques et mathématiques. St.-Pétersbourg].	266 Rus.
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<i>St. Peterburg, Trar. Soc. nat.</i>	Труды Императорскаго С.-Петербургскаго Общества естествоиспытателей. С.-Петербургъ [Travaux de la Société Impériale des naturalistes de St.-Petersbourg].	284 Rus.
<i>St. Peterburg, Verh. Russ. mineral. Ges.</i>	Записки Императорскаго С.-Петербургскаго минералогическаго общества. С.-Петербургъ [Verhandlungen der Russisch-Kaiserlichen Mineralogischen Gesellschaft. St.-Pétersbourg].	290 Rus.
<i>Stuttgart, Jahreshefte Ver. Natk.</i>	Jahreshefte des Vereins für vaterländische Naturkunde in Württemberg. Stuttgart. [jähr.]	1021 Ger.
<i>Sv. Mosskult. Tidskr., Jönköping</i>	Svenska Mosskultur-föreningens Tidskrift. Jönköping. 8vo.	47 Swe.
<i>Summ. Progr. Geol. Surv. U. K., London</i>	Summary of the Progress of the Geological Survey of the United Kingdom, London.	413 U.K.
<i>Syracuse, N.Y., Proc. Onondaga Acad. Sci.</i>	Proceedings of the Onondaga Academy of Science, Syracuse, N.Y.	— U.S.
<i>Tōkyō, J. Coll. Sci. ...</i>	The Journal of the College of Science, Imperial University of Tōkyō, Japan. <i>European languages.</i>	28 Jap.
<i>Torrey, New York, N.Y....</i>	Torrey. (Torrey Botanical Club), New York, N.Y.	332 U.S.
<i>Tübingen, Bl. Albver. ...</i>	Blätter des schwäbischen Albvereins. Tübingen. [monatl.]	1060 Ger.
<i>Umschau, Frankfurt a. M.</i>	Die Umschau. Uebersicht über die Fortschritte und Bewegungen auf dem Gesamtgebiet der Wissenschaft, Technik, Litteratur und Kunst, hrsg. v. Bechhold. Frankfurt a. M. [wöch.]	1068 Ger.
<i>Upsala, Bull. Geol. Inst. ...</i>	Bulletin of the Geological Institution of the University of Upsala. Edited by Hj. Sjögren. Upsala. 8vo.	55 Swe.
<i>Verh. D. zool. Ges., Leipzig</i>	Verhandlungen der deutschen zoologischen Gesellschaft. Leipzig. [jähr.]	1082 Ger.

Verh. Ges. D. Natf., Leip- zig	Verhandlungen der Gesellschaft deut- scher Naturforscher und Aerzte. Leipzig [jähr]	1083 Ger.
Vermont, Rep. Geol., Bur- lington	Report of the State Geologist on the Mineral Industries and Geology of certain areas of Vermont. Burling- ton, Vt.	585 U.S.
Vesmr., Prag ...	Vesmr. Praha [Das Weltall Zeit- schrift für die Verbreitung natur- historischer, geo- und ethnographi- scher Kenntnisse. Prag. 4 monat]	392 Aus.
Wanderer, Hirschberg	Der Wanderer im Riesengebirge. Organ des Riesengebirgs-Vereins. Hirschberg [monat]	1102 Ger.
Washington, D.C., Carnegie Inst., Year Book	Carnegie Institution of Washington. Year Book, Washington, D.C.	468 U.S.
Washington, D.C., Dept. Int. U. S. Geol. Surv., Prof. Papers.	Professional Papers Department of the Interior. U. S. Geological Sur- vey. Washington, D.C.	— U.S.
Washington, D.C., Nation Acad. Sci., Biog. Mem.	National Academy of Sciences. Bio- graphical Memoirs. Washington, D.C.	— U.S.
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Washington, D.C., Smith- sonian Inst., Misc. Col- lect.	Smithsonian Institution. Smithsonian Miscellaneous Collections, Washing- ton, D.C.	497 U.S.
Washington, D.C., Smith- sonian Inst., Nation Mus. Bull.	Smithsonian Institution. U. S. Na- tional Museum Bulletin, Washing- ton, D.C.	408 U.S.
Washington, D.C., Smith- sonian Inst., Nation. Mus. Proc.	Smithsonian Institution U. S. Na- tional Museum. Proceedings, Wash- ington, D.C.	500 U.S.
Washington, D.C., Smith- sonian Inst., Rep.	Smithsonian Institution. Annual Report of the Board of Regents, Washington, D.C.	502 U.S.
Washington, D.C., U. S. Dept. Int. Bull. Geol.	Department of the Interior. Bulletin of the United States Geological Survey, Washington, D.C.	516 U.S.
Wellington, Trans. and Proc. N. Zeal. Inst.	Transactions and Proceedings of the New Zealand Institute, Wellington.	— N.Z.
Wien, Beitr. Pal. Geol. Öst. Ung.	Beiträge zur Paläontologie und Geo- logie Österreich-Ungarns und des Orients. Mitteilungen des Paläonton- logischen und Geologischen Insti- tutes der Universität Wien. Heraus- gegeben mit Unterstützung des hohen Ministeriums für Kultus und Unter- richt von Viktor Uhlig und G[ustav] von Arthaber. Wien. [4 jährl.]	415 Aus.
Wien, Denkschr. Ak. Wiss.	Denkschriften der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [zumindest jährl.]	420 Aus.

<i>Wien, Jahrb. Geol. Reichs-Anst.</i>	Jahrbuch der k. k. Geologischen Reichs-Anstalt. Wien. [$\frac{1}{4}$ jährl.]	425 Aus.
<i>Wien, SitzBer. Ak. Wiss. ..</i>	Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [in 4 Abteilungen, zwanglos.]	472 Aus.
<i>Wien, Verh. Geol. Reichs-Anst.</i>	Verhandlungen der k. k. Geologischen ReichsAnstalt. Wien. [18 H. jährl.]	477 Aus.
<i>Wiesbaden, Jahrb. Ver. Natk.</i>	Jahrbücher der nassauischen Vereins für Naturkunde. Wiesbaden. [jähr.]	1121 Ger.
<i>Wood's Holl, Mass., Mar. Biol. Lab. Bull.</i>	Marine Biological Laboratory. Biological Bulletin, Wood's Holl, Mass.	535 U.S.
<i>Zool. Anz., Leipzig... ..</i>	Zoologischer Anzeiger, hrsg. v. Carus. Leipzig. [2-3 Nrn monat.]	1148 Ger.
<i>Zs. Natur., Stuttgart ...</i>	Zeitschrift für Naturwissenschaften. Organ des naturwissenschaftlichen Vereins für Sachsen und Thüringen. Stuttgart. [2 monat.]	1214 Ger.
<i>Zs. wiss. Insektenbiol., Husum</i>	Zeitschrift für wissenschaftliche Insektenbiologie. Früher: Allgemeine Zeitschrift für Entomologie. Hrsg. v. C. Schröder. Husum. [monatl.]	-- Ger.

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International Catalogue of Scientific Literature.

I.—TOPOGRAPHICAL CLASSIFICATION.

[To be used in connexion with Geography, Geology, Botany,
Zoology, etc.]

1.—MAIN DIVISIONS.

- a.* The Earth as a whole.
- b.* Land as a whole.
- c.* Ocean as a whole.
- d.* Europe and Mediterranean Islands.
- e.* Asia and Malay Archipelago, Celebes and Timor inclusive.
- f.* Africa and Madagascar.
- g.* North America to boundary between United States and Mexico.
- h.* Mexico, Central and South America, and West Indian Islands.
- i.* Australia, Tasmania and New Zealand, with New Guinea, Gilolo, and Moluccas to west, and including the Solomon Islands, New Hebrides, and New Caledonia to east.
- k.* Arctic: Greenland and the area north of the Arctic Circle, or of the coasts of Continental America, Asia, and Europe, whichever is farther north.
- l.* Atlantic and Islands from Arctic Circle to Lat. 45° S.—the southern portion bounded on the east by the meridian 20° E. of Greenwich, south of the coast of Africa; and on the west by the coast of South America.
- m.* Indian Ocean and Islands limited on the south by Lat. 45° S.; on the west by the meridian 20° E. of Greenwich; on the east by the coast of Australia and the meridian 147° E. of Greenwich.
- n.* Pacific and Islands from the Arctic Circle to Lat. 45° S., and between the meridian 147° E. of Greenwich and the coast of South America.
- o.* Antarctic: the area south of 45° S. except the Falkland Islands and the southern parts of South America and New Zealand; but including the islands of New Amsterdam and St. Paul.

N.B.—As a general rule, Islands more than 100 miles from the continent to be classed as Oceanic, unless specially excepted.

2. SUB-DIVISIONS.

d. EUROPE AND MEDITERRANEAN ISLANDS.

- da. Scandinavia: Sweden, Norway, Denmark, Iceland, Faeroes
- db. Russia in Europe.
- dc. German Empire.
- dd. Holland; Belgium; Luxemburg.
- de. British Islands.
- df. France and Corsica.
- dg. Spain and Portugal.
- dh. Italy: Sicily and Sardinia.
- di. Switzerland.
- dj. Austria-Hungary (Bosnia and Herzegovina included).
- dk. Balkan Peninsula (Turkey in Europe, Roumania, Bulgaria, Serbia, Montenegro, and Greece).
- dl. Mediterranean and Islands (excluding Sicily, Sardinia, and Corsica).
- dm. Black Sea.
- dn. Baltic and Islands.

e. ASIA AND MALAY ARCHIPELAGO.

- ea. Asiatic Russia.
- eb. China and Dependencies: Tibet; Corea.
- ec. Japanese Islands; Formosa.
- ed. Cochinchina: Tonquin, Annam.
- ee. Siam.
- ef. British India: Himalaya; Burmah; Ceylon.
- eg. Malay Peninsula from Isthmus of Kra and Archipelago to Wallace's line, including Celebes and Timor, with the Philippines and China Sea.
- eh. Persia; Afghanistan; Baluchistan.
- ei. Asiatic Turkey; Arabia
- ek. Caspian.
- el. Persian Gulf.

f. AFRICA AND MADAGASCAR.

- fa. Mediterranean States—Marocco, Algiers, Tunis, Tripoli.
- fb. N.E. Africa; Egypt and Nile Valley to Lat. 10° N.; Abyssinia; African Coast of Red Sea.
- fc. Sahara and the French Sudan; Darfur, etc.
- fd. West Africa, from Marocco to the Congo.
- fe. Congo State and Angola.
- ff. East Africa, from the Southern border of fb to the Zambezi; Socotra.
- fg. South Africa—South of the Zambezi and of the boundary between Portuguese and German S.W. Africa.
- fh. Madagascar and Comoro Group.
- fi. Red Sea and Islands.

g. NORTH AMERICA.

- ga.* Alaska.
- gb.* Canada as a whole.
- gc.* Canadian Dominion West (Yukon, British Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan. Assiniboia).
- gd.* Canadian Dominion East; Newfoundland.
- ge.* The Laurentian Lakes.
- gf.* United States as a whole.
- gg.* North Eastern United States, East of Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* South Eastern United States, East of Mississippi.
- gi.* Western United States, West of Mississippi.

h. CENTRAL AND SOUTH AMERICA AND WEST INDIES.

- ha.* Mexico.
- hb.* Central America : Guatemala; Honduras; British Honduras; Salvador; Nicaragua; Costa Rica.
- hc.* West Indian Islands; Caribbean Sea; Gulf of Mexico.
- hd.* Guiana—British, Dutch, and French; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brazil.
- hi.* Argentina; Uruguay and Paraguay.
- hk.* Chili.
- hl.* Tierra del Fuego and neighbouring islands; Falkland Islands.
- hm.* The Andes.

i. AUSTRALASIA.

- ia.* New Guinea with Islands from Wallace's line, including Gilolo, Amboina, Ceram.
- ib.* Bismarck Archipelago (New Britain, etc., to Solomon Islands inclusive).
- ic.* Australia as a whole.
- id.* Queensland.
- ie.* New South Wales.
- if.* Victoria.
- ig.* South Australia.
- ih.* West Australia.
- ii.* Tasmania.
- ik.* New Zealand.
- il.* New Caledonia, New Hebrides, and Loyalty Islands.

2. NORTH.

- ka.** Arctic Ocean.
- kb.** Greenland.
- kc.** Archipelago north of North America.
- kd.** Islands north of Europe and Asia.

3. ATLANTIC.

- la.** North Atlantic Ocean and Islands not otherwise specified.
- lb.** Azores; Canaries; Madeira; Cape Verde.
- lc.** South Atlantic and Islands.

4. INDIAN OCEAN.

- ma.** Ocean and Islands N. of Equator.
- mb.** Ocean and Islands S. of Equator, including Mascarene Islands, Amsterdam, and St. Paul.

5. PACIFIC.

- na.** North Pacific Ocean (North of Equator).
- nb.** South Pacific Ocean (South of Equator).
- nc.** Behring Sea and Islands (Aleutian Archipelago, etc.).
- nd.** Sandwich Islands and scattered groups N. of Equator and E. of 180° .
- ne.** Ladrone, Pelew, Caroline and Marshall Groups, with other Islands N. of Equator and W. of 180° .
- nf.** Fiji Islands, Friendly Islands, Samoa, Ellice, Phoenix Islands, etc., west of Meridian 160° W. of Greenwich.
- ng.** Galapagos Islands.
- nh.** Society Islands, Low Archipelago, Marquesas, and other Islands of S. Pacific, east of Meridian 160° W. of Greenwich.

6. ANTARCTIC.

- oa.** Antarctic Continent as a whole.
- ob.** S. Georgia, Sandwich Groups, and other Islands S. of S. Atlantic.
- oc.** Prince Edward Island, Crozets, Kerguelen, and other Islands S. of Indian Ocean.
- od.** Islands to Southward and South-east of New Zealand and Area South of Pacific.

Internationaler Katalog der naturwissenschaftlichen Litteratur.

I — TOPOGRAPHISCHE CLASSIFICATION.

[In Verbindung mit Geographie, Geologie, Botanik, Zoologie etc. zu benutzen.]

1.— HAUPT-ABSCHNITTE.

- a. Die Erde als Ganzes.
- b. Das Festland als Ganzes.
- c. Der Ocean als Ganzes.
- d. Europa und die Inseln im Mittelländischen Meere.
- e. Asien und der Malayische Archipel, einschliesslich Celebes und Timor.
- f. Africa und Madagaskar.
- g. Nord-Amerika bis zur Grenze zwischen den Vereinigten Staaten und Mexiko.
- h. Mexiko, Central- und Süd-Amerika, Westindische Inseln.
- i. Australien, Tasmanien und Neu-Seeland, mit Neu-Guinea, Gilolo und Molukken nach Westen, und mit Salomo-Inseln, Neuen Hebriden und Neu-Caledonien nach Osten.
- k. Arktisches Gebiet: Grönland und der vom Polarkreis umschlossene Raum, insbesondere die jenseits desselben gelegenen Kütenländer von Amerika, Asien und Europa.
- l. Atlantisches Gebiet mit seinen Inseln vom Polarkreis bis 45° S. Br.; der südliche Theil wird südliche von Afrika nach Osten durch den Meridian 20° O. [v. Gr.] begrenzt und reicht im Westen bis zur Küste von Süd-Amerika.
- m. Der Indische Ocean mit seinen Inseln reicht im Süden bis 45° S. Br.; im Westen bis 20° O. L., im Osten bis zur Küste von Australien und dem Meridian 140° O. L.
- n. Pacifisches Gebiet mit seinen Inseln, vom Nordpolarkreis bis 45° S. Br., im südlichen Theil begrenzt durch den Meridian 147° O. L. nach Westen, und die Küste von Süd-Amerika nach Osten.
- o. Antarktisches Gebiet, umfassend das Gebiet südlich von 45° S. Br., mit Ausschluss der Falklands-Inseln, der südlichen Theile von Süd-Amerika und Neu-Seelands, aber einschliesslich der Inseln Neu-Amsterdam und St. Paul.

N.B.—Allgemeine Regel: Inseln, die mehr als 100 englische Meilen (160 Kilometer) vom Festland entfernt sind, sind, falls nicht besonders ausgenommen, als oceanisch zu classificiren.

2. UNTERABTHEILUNGEN.

d. EUROPA UND DIE INSELN IM MITTELLÄNDISCHEN MEERE.

- da.* Skandinavien: Schweden, Norwegen, Dänemark, Island Faröer.
- db.* Das Europäische Russland.
- dc.* Das Deutsche Reich.
- dd.* Holland; Belgien; Luxemburg.
- de.* Die Britischen Inseln.
- df.* Frankreich und Corsica.
- dn.* Spanien und Portugal.
- dh.* Italien, mit Sicilien und Sardinien.
- di.* Die Schweiz.
- dk.* Oesterreich-Ungarn (einschliesslich Bosnien und Herzegowina).
- dl.* Die Balkan-Halbinsel (Europäische Türkei, Rumänien, Bulgarien, Serbien, Montenegro, Griechenland).
- dm.* Das Mittelländische Meer mit seinen Inseln (mit Ausschluss von Sicilien, Sardinien und Corsica).
- dn.* Das Schwarze Meer.
- do.* Die Ostsee mit ihren Inseln.

e. ASIEN UND DER MALAYISCHER ARCHIPEL.

- ea.* Asiatisches Russland.
- eb.* China und zugehörige Länder; Tibet; Korea.
- ec.* Japanische Inseln; Formosa.
- ed.* Cochinchina; Tonking, Annam.
- ee.* Siam.
- ef.* Britisch-Indien, einschliesslich Himalaya, Burma, Ceylon.
- eg.* Malayische Halbinsel südlich vom Isthmus von Kra, und Malayischer Archipel bis zu Wallace's Linie, einschliesslich Celebes und Timor; Philippinen; Chinesisches Südmeer.
- eh.* Persien; Afghanistan; Belutschistan.
- ei.* Asiatische Türkei; Arabien.
- ek.* Das Kaspische Meer.
- el.* Der Persische Golf.

f. AFRIKA UND MADAGASKAR.

- fa.* Die Mittelmeer-Staaten: Marokko, Algier, Tunis, Tripolis.
- fb.* Nordost-Afrika: Egypten und Nilthal bis 10° N. Br.; Abessynien; afrikanische Küste des Rothen Meeres.
- fc.* Die Sahara und der französische Sudan; Darfur etc.
- fd.* West-Afrika, von Marokko bis zum Kongo.
- fe.* Kongo-Staat und Angola.
- ff.* Ostafrika, von der südlichen Grenze von *fb.* bis zum Sambesi; Sokotra.
- fg.* Süd-Afrika, südlich des Sambesi und der Grenze zwischen Portugiesisch und Deutsch Südwest-Afrika.
- fh.* Madagaskar und Komoren.
- fi.* Das Rothe Meer mit seinen Inseln.

g. NORD-AMERIKA.

- ga.* Alaska.
- gb.* Canada als Ganzes.
- gc.* West-Canadisches Gebiet: Yukon, Britisch-Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.
- gd.* Ost-Canadisches Gebiet; Neufundland.
- ge.* Gebiet der Laurentischen Seen.
- gf.* Vereinigte Staaten als Ganzes.
- gg.* Nordosten der Vereinigten Staaten, östlich vom Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* Südosten der Vereinigten Staaten, östlich vom Mississippi.
- gi.* Westen der Vereinigten Staaten, westlich vom Mississippi.

h. CENTRAL-AMERIKA, SÜD-AMERIKA, WEST-INDIEN.

- ha.* Mexiko.
- hb.* Central-Amerika: Guatemala, Honduras; Britisch-Honduras; Salvador; Nicaragua; Costa Rica.
- hc.* Westindische Inseln; Caraibisches Meer; Golf von Mexiko.
- hd.* Guyana: Britisch, Niederländisch und Französisch; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brasilien.
- hi.* Argentinien; Uruguay und Paraguay.
- hk.* Chile.
- hl.* Feuerland und benachbarte Inseln; Falkland Inseln.
- hm.* Die Anden.

i. AUSTRALASIEN.

- ia.* Neu-Guinea, nebst Inseln im Osten von Wallace's Linie, einschliesslich Gilolo, Amboina, Ceram.
- ib.* Bismarck-Archipel (Neu-Pommern etc. bis Salomo-Inseln).
- ic.* Australien als Ganzes.
- id.* Queensland.
- ie.* Neu-Süd-Wales.
- if.* Victoria.
- ig.* Süd-Australien.
- ih.* West-Australien.
- ii.* Tasmanien.
- ik.* Neu-Seeland.
- il.* Neu-Caledonien, Neue Hebriden und Loyalty Inseln.

k. ARKTISCHES GEBIET.

- ka.** Der Arktische Ocean.
- kb.** Grönland.
- kc.** Archipel nördlich von Nord-Amerika.
- kd.** Inseln nördlich von Europa und Asien.

l. ATLANTISCHES GEBIET.

- la.** Der Nordatlantische Ocean mit seinen Inseln, soweit sie nicht anderweit eingereiht sind.
- lb.** Azoren; Kanaren; Madeira; Cap Verde.
- lc.** Der Sudatlantische Ocean mit seinen Inseln.

m. INDISCHER OCEAN.

- ma.** Ocean und Inseln nördlich vom Aequator.
- mb.** Ocean und Inseln südlich vom Aequator, einschliesslich Maskarenen, Neu-Amsterdam und St. Paul.

n. PACIFISCHES GEBIET.

- na.** Nordpazifischer Ocean (nördlich vom Aequator).
- nb.** Sudpazifischer Ocean (südlich vom Aequator).
- nc.** Bering's Meer, nebst Inseln (Aleuten-Archipel etc.).
- nd.** Sandwich-Inseln und zerstreute Gruppen nördlich vom Aequator und östlich vom 180. Grad.
- ne.** Ladrone-, Palau-, Carolinen- und Marshall-Gruppen, nebst andern Inseln nördlich vom Aequator und Westlich vom 180. Grad.
- nf.** Fidchi-Inseln, Freundschafts-Inseln, Samoa, Ellice-Inseln, Phönix-Inseln etc., westlich vom Meridian 160° W. L.
- ng.** Galapagos-Inseln.
- nh.** Gesellschafts-Inseln, Niedrige Inseln, Marquesas- und andere Inseln des südlichen Pacifischen Oceans, östlich vom Meridian 160° W. L.

o. ANTARCTISCHES GEBIET.

- oa.** Der Antarktische Kontinent als Ganzes.
- ob.** Süd-Georgien, Sandwich-Gruppen, und andere Inseln südlich vom sudatlantischen Gebiet.
- oc.** Prince Edward-Insel, Crozet-Inseln, Kerguelen- und andere Inseln südlich vom Indischen Ocean.
- od.** Inseln südlich und südöstlich von Neu-Seeland, und Gebiet südlich des Pacifischen Oceans.

Catalogue International de la Littérature Scientifique.

CLASSIFICATION TOPOGRAPHIQUE.

[Cette classification sera appliquée à la géographie, à la géologie, à la botanique, à la zoologie, etc.]

I — GRANDES DIVISIONS.

- a.* Données d'ensemble relatives au globe terrestre.
- b.* Données d'ensemble relatives aux continents.
- c.* Données d'ensemble relatives aux océans.
- d.* Europe et îles méditerranéennes.
- e.* Asie et Archipel Malais, Célèbes et Timor inclus.
- f.* Afrique et Madagascar.
- g.* Amérique du Nord [en prenant comme limite celle qui sépare les Etats-Unis du Mexique].
- h.* Le Mexique, Amérique centrale et méridionale avec les Antilles.
- i.* Australie, Tasmanie et Nouvelle Zélande avec la Nouvelle Guinée, Gilolo et les Moluques à l'ouest, les îles Salomon, les Nouvelles Hébrides et la Nouvelle Calédonie à l'est.
- k.* Régions arctiques : Groenland et surface polaire s'étendant des côtes américaines, asiatiques et européennes à l'extrême nord.
- l.* Atlantique avec les îles comprises entre le cercle polaire arctique et le 45° de lat. S. Partie sud de l'Atlantique limitée à l'est par le méridien 20° E. (Greenwich), au sud de l'Afrique ; et à l'ouest par le côte de l'Amérique du sud.
- m.* Océan Indien avec les îles situées dans l'espace limité dans le sud par le 45° de lat. S. ; à l'ouest par le méridien 20° E. (Greenwich) ; dans l'est par la côte australienne et le méridien 147° E. (Greenwich).
- n.* Le Pacifique avec les îles comprises, en latitude, du cercle polaire arctique au 45° de lat. S. ; en longitude, du méridien 147° E. (Greenwich) à la côte de l'Amérique du sud.
- o.* Régions antarctiques : depuis le 45° de lat. S., moins les Falkland, la pointe sud de l'Amérique méridionale et la Nouvelle Zélande, mais en y comprenant les îles St. Paul et Nouvelle Amsterdam.

N.B.—En général les îles qui se trouvent à plus de 160 à 185 kilomètres du continent sont classées comme îles océaniques, à moins que le contraire ne soit stipulé spécialement.

II.—SUBDIVISIONS.

d. EUROPE ET ÎLES MÉDITERRANÉENNES.

- da. Scandinavie : Suède, Norvège, Danemark, Islande, Iles Feroë.
- db. Russie d'Europe.
- dc. Empire Germanique.
- dd. Hollande ; Belgique ; Luxembourg.
- de. Iles Britanniques.
- df. France et Corse.
- dq. Espagne et Portugal.
- dh. Italie ; Sicile et Sardaigne.
- di. Suisse.
- dk. Autriche-Hongrie (Bosnie et Herzégovine inclus).
- dl. Péninsule Balkanique (Turquie d'Europe, Roumanie, Bulgarie, Serbie, Monténégro et Grèce).
- dm. Méditerranée avec ses Iles (moins la Sicile, la Sardaigne, et la Corse).
- dn. Mer Noire.
- do. La Baltique et ses Iles.

e. ASIE ET ARCHIPEL MALAIS.

- ea. Asie russe.
- eb. Chine et dépendances ; Thibet ; Corée.
- ec. Archipel du Japon ; Formose.
- ed. Cochinchine. Tonkin. Annam. Cambodge.
- ee. Siam.
- ef. Indes Britanniques : Himalaya ; Burma, Ceylan.
- eg. La Péninsule Malaise depuis l'isthme de Kra ; et l'Archipel Malais jusqu'à la ligne séparative de Wallace, y compris Célèbes, Timor, les Philippines et la Mer de Chine.
- eh. Perse ; Afghanistan ; Bélouchistan.
- ei. Turquie d'Asie ; Arabie.
- ek. Mer Caspienne.
- el. Golfe persique.

f. AFRIQUE ET MADAGASCAR.

- fa. Pays méditerranéens : Maroc, Algérie, Tunisie, Tripoli.
- fb. N.E. Africain ; Egypte et la vallée du Nil depuis le 10° de lat. N. ; Abyssinie ; côte africaine de la Mer Rouge.
- fc. Le Sahara et le Soudan français ; Darfour, etc.
- fd. Ouest africain, du Maroc au Congo.
- fe. Etat du Congo et Angola.
- ff. Est africain, depuis la bordure sud de fb au Zambèze, Socotora.

- fg.* Sud africain—Au sud du Zambèze et de la limite entre les possessions portugaises et allemandes du sud-ouest de l'Afrique.
- fh.* Madagascar et groupe des Comores.
- fi.* La Mer Rouge et ses îles.

g. AMÉRIQUE DU NORD.

- ga.* Alaska.
- gb.* Le Canada dans son entier.
- gc.* Puissance du Canada de l'ouest (Yukon, Colombie Britannique, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Puissance du Canada de l'est; Terre neuve.
- ge.* Région des grands lacs laurentiens.
- gf.* États-Unis.
- gg.* États-Unis du Nord-Est, à l'est du Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvanie, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* États-Unis du sud-est, à l'est du Mississippi.
- gi.* États-Unis de l'ouest, à l'ouest du Mississippi.

h. AMÉRIQUE CENTRALE ET MÉRIDIONALE; INDES OCCIDENTALES.

- ha.* Mexique.
- hb.* Amérique centrale: Guatemala; Honduras; Honduras britannique; Salvador; Nicaragua; Costa Rica.
- hc.* Antilles; Mer Caraïbe; Golfe du Mexique.
- hd.* Guyanes britannique, hollandaise, et française; Vénézuéla; île de Trinité.
- he.* Colombie. Ecuador.
- hf.* Pérou.
- hg.* Bolivie.
- hh.* Brésil.
- hi.* République Argentine; Uruguay et Paraguay.
- hk.* Chili.
- hl.* Terre de feu et îles voisines; les Falkland (Malouines).
- hm.* Les Andes.

i. AUSTRALIE.

- ia.* Nouvelle Guinée avec les îles de la ligne séparative de Wallace, en y comprenant Gilolo, Amboine, Ceram.
- ib.* Archipel de Bismarck (Nouvelle Bretagne avec les Salomon).
- ic.* L'Australie en son entier.
- id.* Queensland.
- ie.* Nouvelle Galles du sud.
- if.* Victoria.
- ig.* Australie du sud.

- ih. Australie occidentale.**
- ii. Tasmanie.**
- ik. Nouvelle Zélande.**
- il. Nouvelle Calédonie, Nouvelles Hébrides et les îles Loyauté.**

k. RÉGIONS ARCTIQUES.

- ka. Océan arctique.**
- kb. Groenland.**
- kc. Archipel nord de l'Amérique du Nord.**
- kd. Îles au nord d'Europe et d'Asie (Spitzberg, etc.).**

l. ATLANTIQUE.

- la. Océan Atlantique septentrional et les îles qui n'ont pas encore été spécifiées.**
- lb. Açores; Canaries; Madère; Cap Vert.**
- lc. Atlantique méridional et ses îles.**

m. Océan Indien.

- ma. Océan et les îles au nord de l'Equateur.**
- mb. Océan et les îles au sud de l'Equateur, avec les Mascareignes et les îles Amsterdam et St. Paul.**

n. PACIFIQUE.

- na. Pacifique septentrional (au nord de l'Equateur).**
- nb. Pacifique méridional (au sud de l'Equateur).**
- nc. Mer de Behring et ses îles (Aléoutiennes . . . etc.).**
- nd. Îles Sandwich, avec les groupes situés au nord de l'Equateur et à l'est du 180°.**
- ne. Mariannes, Pelew, archipel-des Carolines et de Marshall, avec les autres îles situées au nord de l'Equateur et à l'ouest du 180°.**
- nf. Îles Fidji, îles des Amis (Tonga, Samoa, Ellice, Phénix et autres) situées à l'ouest du méridien 160° O. (Greenwich).**
- ng. Îles Galapagos.**
- nh. Îles de la Société, Pomoutou, Marquises et autres îles du Pacifique méridional à l'est du méridien 160° O. (Greenwich).**

o. RÉGIONS ANTARCTIQUES.

- oa. Continent antarctique dans son entier.**
- ob. Géorgie du Sud, groupe des Sandwichs et autres îles au S. de l'Atlantique méridional.**
- oc. Îles du Prince Edouard, Crozet, Kerguelen et autres îles au S. de l'Océan Indien.**
- od. Îles au sud et au sud-est de la Nouvelle Zélande et régions méridionales du Pacifique.**

Catalago Internazionale della Letteratura Scientifica.

I.—CLASSIFICAZIONE TOPOGRAFICA.

[Da usarsi in rapporto con la Geografia, Geologia, Botanica, Zoologia, ecc.]

1 —DIVISIONI PRINCIPALI.

- a.* La Terra nel suo complesso.
- b.* Le terre emerse.
- c.* L' oceano nel suo complesso.
- d.* Europa e Isole del Mediterraneo.
- e.* Asia e Arcipelago Malese, comprese Celebes e Timor.
- f.* Africa e Madagascar.
- g.* America settentrionale fino al limite tra gli Stati Uniti e il Messico.
- h.* Messico, America Centrale e Meridionale, e Indie Occidentali.
- i.* Australia. Tasmania e Nuova Zelanda colla Nuova Guinea, Gilolo e Molucche verso Ponente, le Salomone, le Nuove Ebridi e la Nuova Caledonia verso Levante.
- k.* Regione Artica : Groenlandia e l' area a Nord del Circolo Polare, ovvero a Nord delle coste dell' America continentale, dell' Asia e dell' Europa.
- l.* L' Atlantico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., limitato nella sua parte meridionale oltre la costa Africana dal 20° E. da Greenwich, ad Est; e dalla costa dell' America meridionale ad Ovest.
- m.* L' Oceano Indiano e le sue Isole, limitato a sud dal 45° di Lat. S., a Ponente del meridiano 20° E. di Greenwich ; a Levante dalla costa dell' Australia e dal 147° E. da Greenwich.
- n.* Il Pacifico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., e tra il 147° meridiano E. da Greenwich e le coste dell' America meridionale.
- o.* Regione Antartica : cioè l'area meridionale limitata dal 45° S., eccetto le Isole Falkland e le parti meridionali dell' America del Sud e della Nuova Zelanda ; comprendendovi però le isole di Nuova Amsterdam e S. Paolo.

N.B.—Come regola generale, le isole lontane più di 100 miglia inglesi (160 chilometri) dal continente devono essere classificate come oceaniche, salvo speciali eccezioni.

2.—SUDDIVISIONI.

d. EUROPA E ISOLE DEL MEDITERRANEO.

- da. Scandinavia: Svezia, Norvegia, Danimarca, Islanda, **Far Òer.**
- db. Russia Europea.
- dc. Impero Germanica.
- dd. Olanda; Belgio; Lussemburgo.
- de. Isole Britanniche.
- df. Francia e Corsica.
- dg. Spagna e Portogallo.
- dh. Italia: Sicilia e Sardegna.
- di. Svizzera.
- dk. Austria-Ungheria (compreso Bosnia ed Erzegovina).
- dl. Penisola, Balcanica (Turchia Europea, Rumania, Bulgaria, Servia, Montenegro e Grecia).
- dm. Mediterraneo e Isole (salvo la Sicilia, la Sardegna e la Corsica).
- dn. Mar Nero.
- do. Il Baltico e le sue Isole.

e. ASIA E ARCIPELAGO MALESE.

- ea. Russia Asiatica.
- eb. Cina e dipendenze: Tibet; Corea.
- ec. Isole del Giappone; Formosa.
- ed. Coccincina: Tonchino, Annam.
- ee. Siam.
- ef. India Britannica: Himalaya; Birmania; Ceylon.
- eg. Penisola Malese dall' Istmo di Kra e Arcipelago Malese fino alla linea, di Wallace, comprendendovi Celebes e Timor colle Filippine e il Mar della Cina.
- eh. Persia; Afghanistan; Belucistan.
- ei. Turchia Asiatica; Arabia.
- ek. Il Caspio.
- el. Golfo Persica.

f. AFRICA E MADAGASCAR.

- fa. Stati Mediterranei—Marocco, Algeri, Tunisi, Tripoli.
- fb. Africa del N.E.; Egitto e Vallata del Nilo fino al 10° di Lat. N.; Abissinia; Coste dell' Africa sul Mar Rosso.
- fc. Sahara e Sudan Francese; Darfur, ecc.
- fd. Africa occidentale dal Marocco al Congo.
- fe. Stato del Congo e Angola.
- ff. Africa orientale dal limite indicato in fb al Zambesi; Socotra.
- fg. Africa australe dal Zambesi e dal confine tra l' Africa Portoghese e l' Africa Germanica del S.W.
- fh. Madagascar e Gruppo delle Comoro.
- fi. Il Mar Rosso e le sue Isole.

g. AMERICA SETTENTRIONALE.

- ga.* Alaska.
- gb.* Il Canada in generale.
- gc.* Dominio del Canada occidentale (Yukon, Columbia Britannica, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Dominio del Canada orientale; Terranova.
- ge.* I Laghi Laurenziana.
- gf.* Gli Stati Uniti in generale.
- gg.* Stati Uniti del Nord-Est, ad E. del Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* Stati Uniti del Sud-Est, ad E. del Mississippi.
- gi.* Stati Uniti occidentali, ad W. del Mississippi.

h. AMERICA CENTRALE E MERIDIONALE E INDIE OCCIDENTALI.

- ha.* Messico.
- hb.* America Centrale; Guatemala; Honduras; Honduras Britannico; Salvador; Nicaragua; Costa Rica.
- hc.* Indie occidentali; Mar dei Caribi; Golfo del Messico.
- hd.* Guaiana—Britannica, Olandese e Francese; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Perù.
- hg.* Bolivia.
- hh.* Brasile.
- hi.* Argentina; Uruguay e Paraguay.
- hk.* Cile.
- hl.* Terra del Fuoco e Isole vicine; Isole Falkland.
- hm.* Le Ande.

i. AUSTRALIA E OCEANIA.

- ia.* Nuova Guinea colle Isole dalla linea di Wallace, comprendendovi Gilolo (Halmahera) Amboina, Seram.
- ib.* Arcipelago di Bismarck (Nuova Britannia, ecc., fino alle Solomone inclusivamente).
- ic.* Australia in generale.
- id.* Queensland.
- ie.* Nuova Galles del Sud.
- if.* Victoria.
- ig.* Australia meridionale.
- ih.* Australia occidentale.
- ii.* Tasmania.
- ik.* Nuova Zelanda.
- il.* Nuova Caledonia, Nuove Ebridi, e Isole Loyalty.

k. REGIONE ARTICA.

- ka.** Oceano Artico.
- kb.** Groenlandia.
- kc.** Arcipelago Nord Americano.
- kd.** Isole a N. dell' Europa e dell' Asia.

l. OCEANO ATLANTICO.

- la.** Oceano Atlantico settentrionale e sue Isole, non indicate altrove.
- lb.** Azorre; Canarie; Madera; Isole del Capo Verde.
- lc.** Atlantico meridionale e sue Isole.

m. OCEANO INDIANO.

- ma.** Oceano e Isole a Nord dell' Equatore.
- mb.** Oceano e Isole a Sud dell' Equatore, comprendendovi le Mascarene, Amsterdam e S. Paolo.

n. OCEANO PACIFICO.

- na.** Pacifico del Nord (a N. dell' Equatore).
- nb.** Pacifico del Sud (a S. dell' Equatore).
- nc.** Mar di Behring e sue Isole (Aleutine, ecc.).
- nd.** Isole Sandwich e Gruppi sparsi a N. dell' Equatore e ad E. del 180°.
- ne.** Isole dei Ladroni, Pelew, Caroline e Marshall, con altre Isole a N. dell' Equatore e ad ovest del 180°.
- nf.** Isole Figi, degli Amici, Samoa, Ellice, Fenice, ecc., ad ovest del 160° W. di Greenwich.
- ng.** Isole Galapagos.
- nh.** Isole della Società. Arcipelago di Low, Marchesi e altre Isole del Pacifico meridionale, ad Est del meridiano 160° W. da Greenwich.

o. REGIONE ANTARTICA.

- oa.** Regione antartica in generale.
- ob.** Georgia australe, Gruppo delle Sandwich e altre Isole a Sud dell' Atlantico meridionale.
- oc.** Isole del Principe Edoardo, Crozets, Kerguelen e altre Isole a Sud dell' Oceano Indiano.
- od.** Isole a Sud e a Sud-Est della Nuova Zelanda e Regione a Sud del Pacifico.

